



Appendix D: Test Data for E-UTRA Band 5

Product Name: GNSS RECEIVER

Test Model: G2

Environmental Conditions

Temperature:	21.1° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Carl Fu
Supervised by:	Li Huan



D.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	21.77	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	21.87	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	21.77	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	21.78	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	21.80	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	21.75	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	20.85	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	21.57	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	21.75	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	21.49	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	21.64	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	21.68	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	21.63	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	20.67	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	21.59	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	21.78	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.57	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	21.69	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	21.68	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	21.66	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	20.71	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	20.81	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.09	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	20.81	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	20.67	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	20.64	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	20.66	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	19.87	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	20.43	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	20.59	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	20.39	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	20.41	PASS



Band5	1.4MHz	16QAM	20525	3RB#1	20.40	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	20.37	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	19.67	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	20.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	20.65	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	20.51	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	20.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	20.46	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	20.42	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	19.71	PASS
Band5	3MHz	QPSK	20415	1RB#0	21.76	PASS
Band5	3MHz	QPSK	20415	1RB#8	21.84	PASS
Band5	3MHz	QPSK	20415	1RB#14	21.78	PASS
Band5	3MHz	QPSK	20415	8RB#0	20.76	PASS
Band5	3MHz	QPSK	20415	8RB#4	20.80	PASS
Band5	3MHz	QPSK	20415	8RB#7	20.74	PASS
Band5	3MHz	QPSK	20415	15RB#0	20.67	PASS
Band5	3MHz	QPSK	20525	1RB#0	21.58	PASS
Band5	3MHz	QPSK	20525	1RB#8	21.57	PASS
Band5	3MHz	QPSK	20525	1RB#14	21.56	PASS
Band5	3MHz	QPSK	20525	8RB#0	20.57	PASS
Band5	3MHz	QPSK	20525	8RB#4	20.56	PASS
Band5	3MHz	QPSK	20525	8RB#7	20.61	PASS
Band5	3MHz	QPSK	20525	15RB#0	20.55	PASS
Band5	3MHz	QPSK	20635	1RB#0	21.61	PASS
Band5	3MHz	QPSK	20635	1RB#8	21.58	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.62	PASS
Band5	3MHz	QPSK	20635	8RB#0	20.60	PASS
Band5	3MHz	QPSK	20635	8RB#4	20.62	PASS
Band5	3MHz	QPSK	20635	8RB#7	20.63	PASS
Band5	3MHz	QPSK	20635	15RB#0	20.62	PASS
Band5	3MHz	16QAM	20415	1RB#0	20.61	PASS
Band5	3MHz	16QAM	20415	1RB#8	20.55	PASS
Band5	3MHz	16QAM	20415	1RB#14	20.68	PASS
Band5	3MHz	16QAM	20415	8RB#0	19.78	PASS
Band5	3MHz	16QAM	20415	8RB#4	19.82	PASS
Band5	3MHz	16QAM	20415	8RB#7	19.77	PASS



Band5	3MHz	16QAM	20415	15RB#0	19.66	PASS
Band5	3MHz	16QAM	20525	1RB#0	20.58	PASS
Band5	3MHz	16QAM	20525	1RB#8	20.56	PASS
Band5	3MHz	16QAM	20525	1RB#14	20.52	PASS
Band5	3MHz	16QAM	20525	8RB#0	19.62	PASS
Band5	3MHz	16QAM	20525	8RB#4	19.61	PASS
Band5	3MHz	16QAM	20525	8RB#7	19.64	PASS
Band5	3MHz	16QAM	20525	15RB#0	19.53	PASS
Band5	3MHz	16QAM	20635	1RB#0	20.58	PASS
Band5	3MHz	16QAM	20635	1RB#8	20.60	PASS
Band5	3MHz	16QAM	20635	1RB#14	20.57	PASS
Band5	3MHz	16QAM	20635	8RB#0	19.69	PASS
Band5	3MHz	16QAM	20635	8RB#4	19.63	PASS
Band5	3MHz	16QAM	20635	8RB#7	19.69	PASS
Band5	3MHz	16QAM	20635	15RB#0	19.62	PASS
Band5	5MHz	QPSK	20425	1RB#0	21.75	PASS
Band5	5MHz	QPSK	20425	1RB#12	21.83	PASS
Band5	5MHz	QPSK	20425	1RB#24	21.67	PASS
Band5	5MHz	QPSK	20425	12RB#0	20.63	PASS
Band5	5MHz	QPSK	20425	12RB#6	20.70	PASS
Band5	5MHz	QPSK	20425	12RB#13	20.68	PASS
Band5	5MHz	QPSK	20425	25RB#0	20.70	PASS
Band5	5MHz	QPSK	20525	1RB#0	21.47	PASS
Band5	5MHz	QPSK	20525	1RB#12	21.63	PASS
Band5	5MHz	QPSK	20525	1RB#24	21.50	PASS
Band5	5MHz	QPSK	20525	12RB#0	20.56	PASS
Band5	5MHz	QPSK	20525	12RB#6	20.51	PASS
Band5	5MHz	QPSK	20525	12RB#13	20.59	PASS
Band5	5MHz	QPSK	20525	25RB#0	20.58	PASS
Band5	5MHz	QPSK	20625	1RB#0	21.49	PASS
Band5	5MHz	QPSK	20625	1RB#12	21.68	PASS
Band5	5MHz	QPSK	20625	1RB#24	21.60	PASS
Band5	5MHz	QPSK	20625	12RB#0	20.62	PASS
Band5	5MHz	QPSK	20625	12RB#6	20.63	PASS
Band5	5MHz	QPSK	20625	12RB#13	20.56	PASS
Band5	5MHz	QPSK	20625	25RB#0	20.57	PASS
Band5	5MHz	16QAM	20425	1RB#0	20.60	PASS



Band5	5MHz	16QAM	20425	1RB#12	20.68	PASS
Band5	5MHz	16QAM	20425	1RB#24	20.63	PASS
Band5	5MHz	16QAM	20425	12RB#0	19.66	PASS
Band5	5MHz	16QAM	20425	12RB#6	19.70	PASS
Band5	5MHz	16QAM	20425	12RB#13	19.71	PASS
Band5	5MHz	16QAM	20425	25RB#0	19.74	PASS
Band5	5MHz	16QAM	20525	1RB#0	20.56	PASS
Band5	5MHz	16QAM	20525	1RB#12	20.66	PASS
Band5	5MHz	16QAM	20525	1RB#24	20.50	PASS
Band5	5MHz	16QAM	20525	12RB#0	19.59	PASS
Band5	5MHz	16QAM	20525	12RB#6	19.58	PASS
Band5	5MHz	16QAM	20525	12RB#13	19.60	PASS
Band5	5MHz	16QAM	20525	25RB#0	19.57	PASS
Band5	5MHz	16QAM	20625	1RB#0	20.35	PASS
Band5	5MHz	16QAM	20625	1RB#12	20.48	PASS
Band5	5MHz	16QAM	20625	1RB#24	20.48	PASS
Band5	5MHz	16QAM	20625	12RB#0	19.61	PASS
Band5	5MHz	16QAM	20625	12RB#6	19.63	PASS
Band5	5MHz	16QAM	20625	12RB#13	19.55	PASS
Band5	5MHz	16QAM	20625	25RB#0	19.65	PASS
Band5	10MHz	QPSK	20450	1RB#0	21.73	PASS
Band5	10MHz	QPSK	20450	1RB#24	21.74	PASS
Band5	10MHz	QPSK	20450	1RB#49	21.59	PASS
Band5	10MHz	QPSK	20450	25RB#0	20.73	PASS
Band5	10MHz	QPSK	20450	25RB#12	20.76	PASS
Band5	10MHz	QPSK	20450	25RB#25	20.71	PASS
Band5	10MHz	QPSK	20450	50RB#0	20.72	PASS
Band5	10MHz	QPSK	20525	1RB#0	21.67	PASS
Band5	10MHz	QPSK	20525	1RB#24	21.67	PASS
Band5	10MHz	QPSK	20525	1RB#49	21.59	PASS
Band5	10MHz	QPSK	20525	25RB#0	20.62	PASS
Band5	10MHz	QPSK	20525	25RB#12	20.67	PASS
Band5	10MHz	QPSK	20525	25RB#25	20.57	PASS
Band5	10MHz	QPSK	20525	50RB#0	20.58	PASS
Band5	10MHz	QPSK	20600	1RB#0	21.54	PASS
Band5	10MHz	QPSK	20600	1RB#24	21.60	PASS
Band5	10MHz	QPSK	20600	1RB#49	21.63	PASS



Band5	10MHz	QPSK	20600	25RB#0	20.63	PASS
Band5	10MHz	QPSK	20600	25RB#12	20.58	PASS
Band5	10MHz	QPSK	20600	25RB#25	20.55	PASS
Band5	10MHz	QPSK	20600	50RB#0	20.57	PASS
Band5	10MHz	16QAM	20450	1RB#0	20.71	PASS
Band5	10MHz	16QAM	20450	1RB#24	20.89	PASS
Band5	10MHz	16QAM	20450	1RB#49	20.65	PASS
Band5	10MHz	16QAM	20450	25RB#0	19.79	PASS
Band5	10MHz	16QAM	20450	25RB#12	19.74	PASS
Band5	10MHz	16QAM	20450	25RB#25	19.70	PASS
Band5	10MHz	16QAM	20450	50RB#0	19.73	PASS
Band5	10MHz	16QAM	20525	1RB#0	20.48	PASS
Band5	10MHz	16QAM	20525	1RB#24	20.52	PASS
Band5	10MHz	16QAM	20525	1RB#49	20.35	PASS
Band5	10MHz	16QAM	20525	25RB#0	19.71	PASS
Band5	10MHz	16QAM	20525	25RB#12	19.74	PASS
Band5	10MHz	16QAM	20525	25RB#25	19.66	PASS
Band5	10MHz	16QAM	20525	50RB#0	19.67	PASS
Band5	10MHz	16QAM	20600	1RB#0	20.29	PASS
Band5	10MHz	16QAM	20600	1RB#24	20.36	PASS
Band5	10MHz	16QAM	20600	1RB#49	20.38	PASS
Band5	10MHz	16QAM	20600	25RB#0	19.67	PASS
Band5	10MHz	16QAM	20600	25RB#12	19.66	PASS
Band5	10MHz	16QAM	20600	25RB#25	19.59	PASS
Band5	10MHz	16QAM	20600	50RB#0	19.57	PASS



D.2 Peak-to-Average Ratio(CCDF)

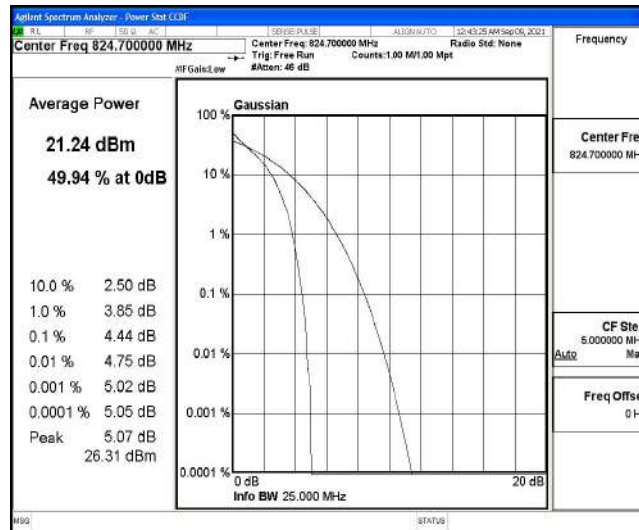
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	4.44	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.71	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.33	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.24	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.56	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.22	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.47	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.77	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.39	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.37	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.62	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.26	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.55	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.81	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.46	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.37	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.60	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.29	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	4.81	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.85	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	3.91	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.58	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.64	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.47	13	PASS

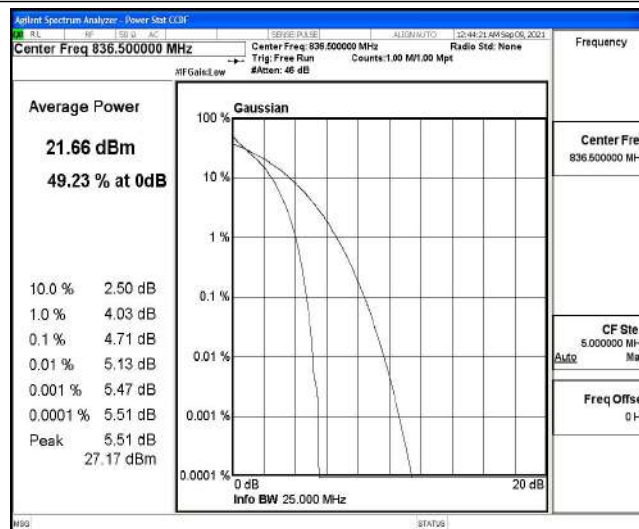


Test Graphs

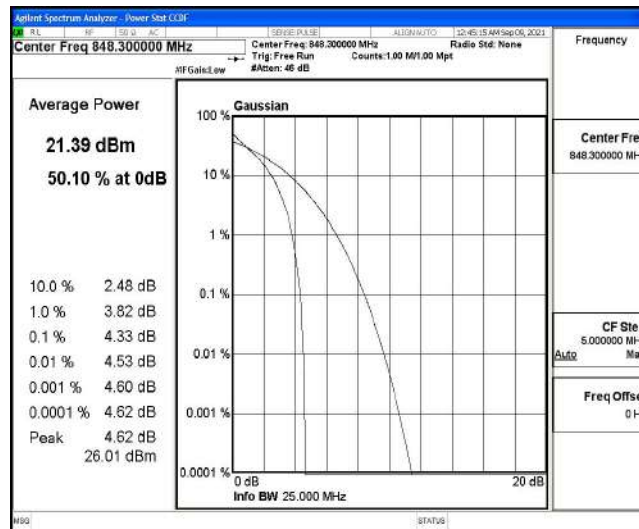
Band5-1.4MHz-QPSK-20407-6RB#0



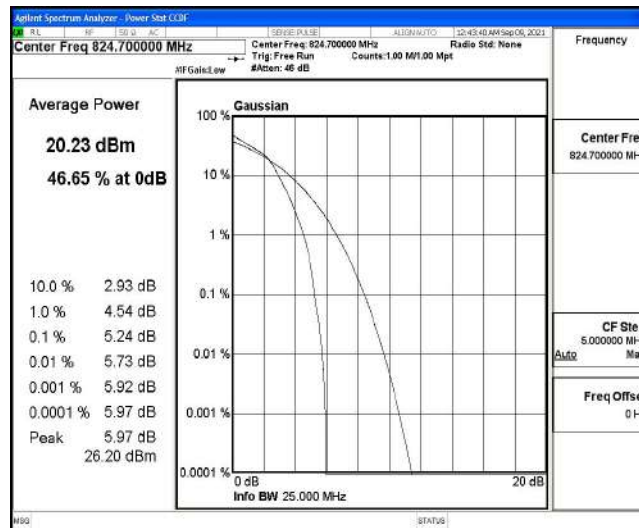
Band5-1.4MHz-QPSK-20525-6RB#0



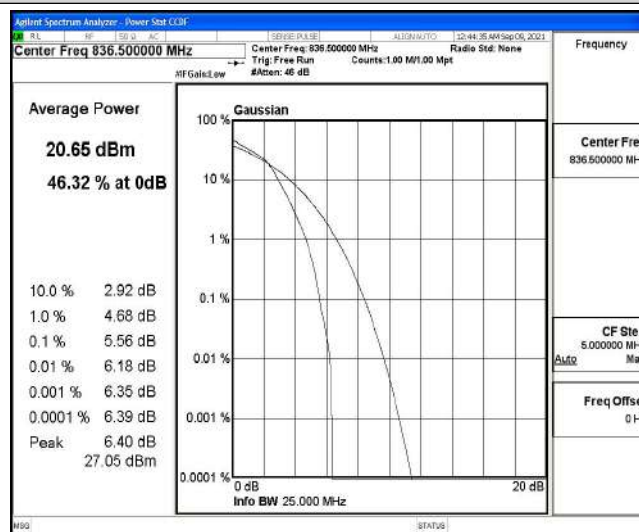
Band5-1.4MHz-QPSK-20643-6RB#0



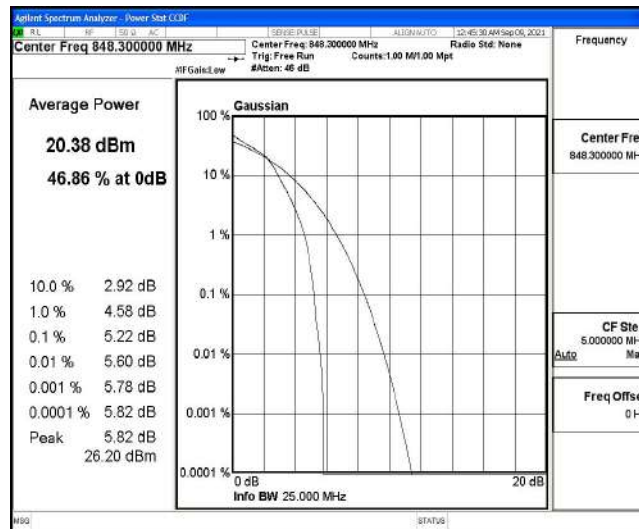
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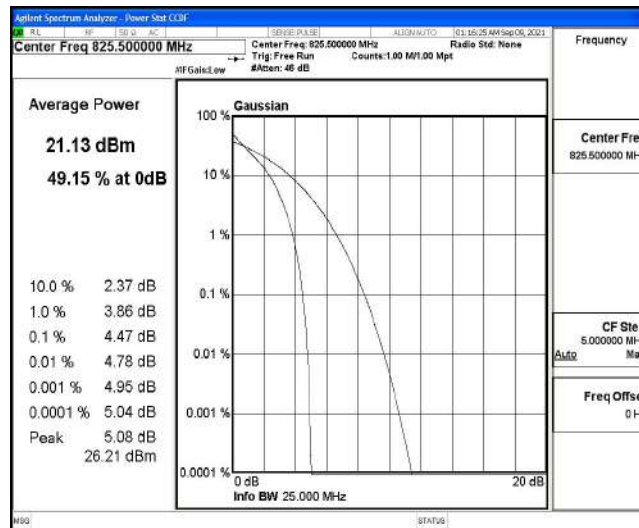
Band5-1.4MHz-16QAM-20525-6RB#0



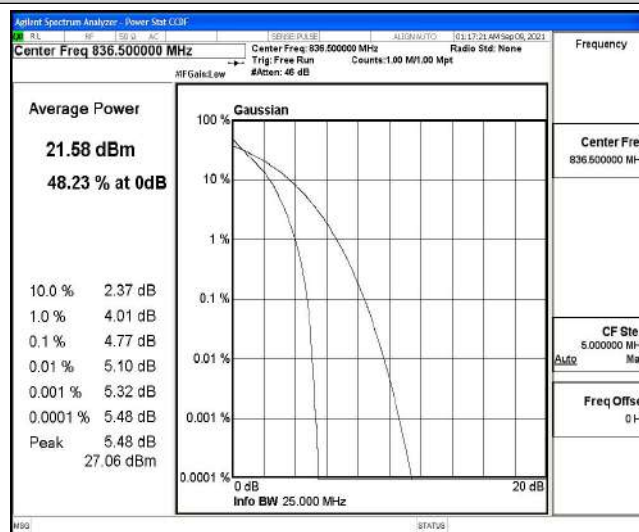
Band5-1.4MHz-16QAM-20643-6RB#0



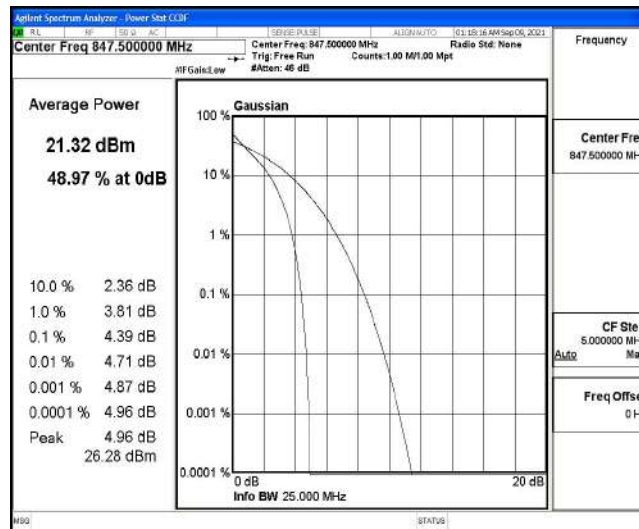
Band5-3MHz-QPSK-20415-15RB#0



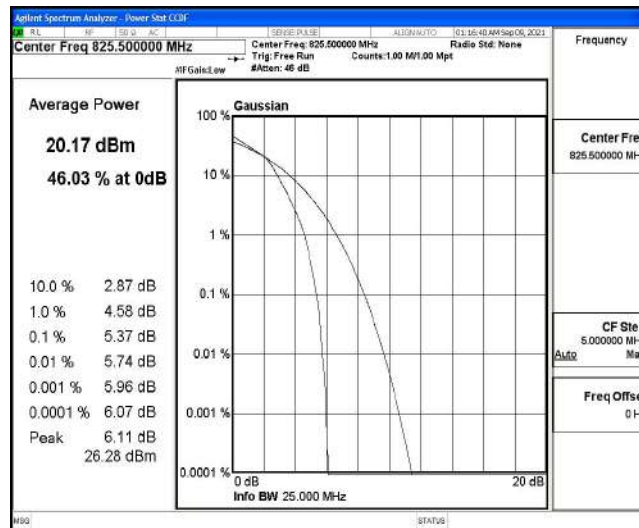
Band5-3MHz-QPSK-20525-15RB#0



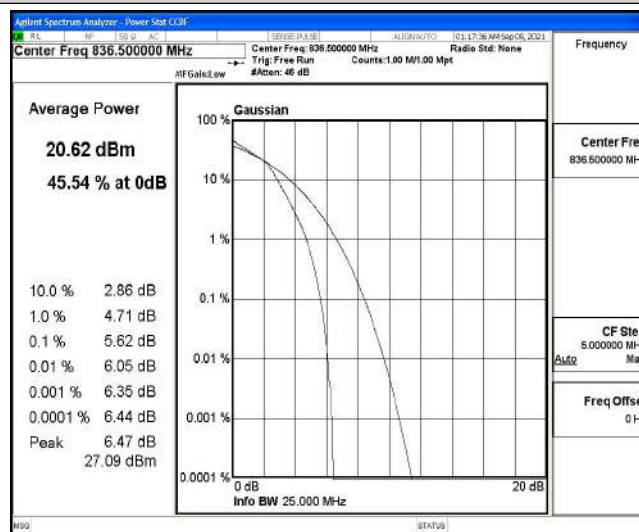
Band5-3MHz-QPSK-20635-15RB#0



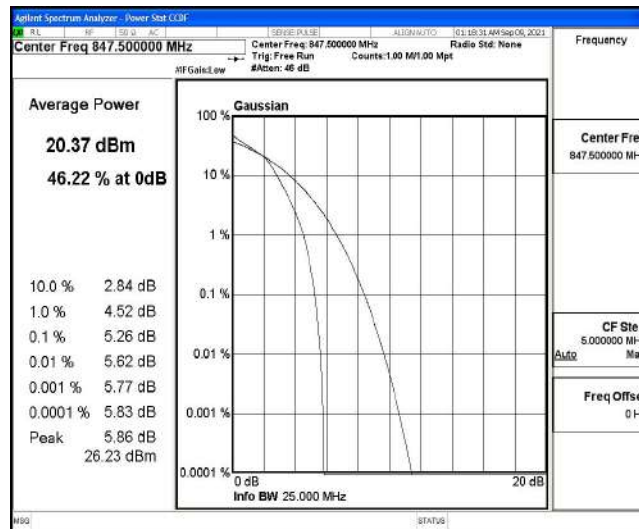
Band5-3MHz-16QAM-20415-15RB#0



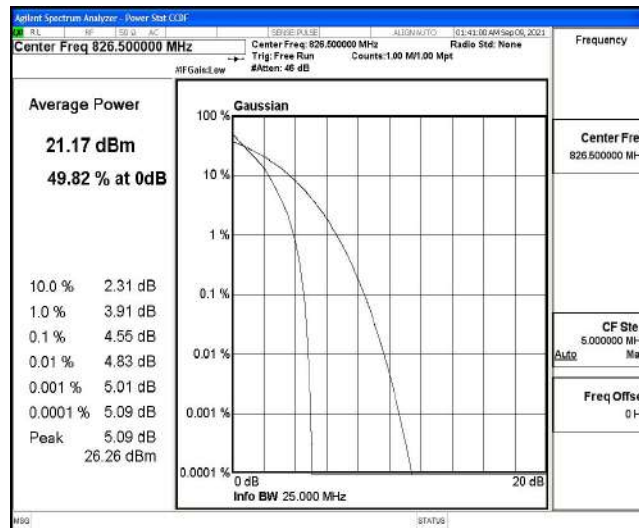
Band5-3MHz-16QAM-20525-15RB#0



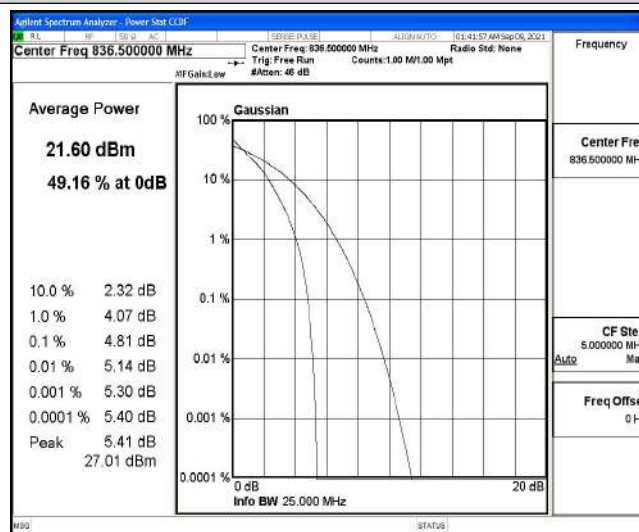
Band5-3MHz-16QAM-20635-15RB#0



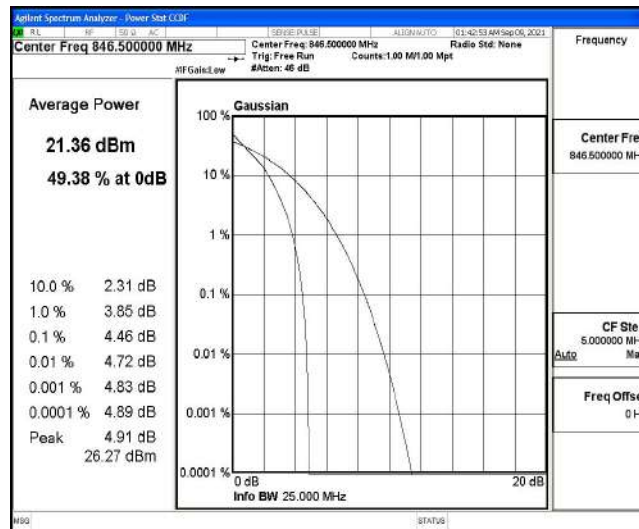
Band5-5MHz-QPSK-20425-25RB#0



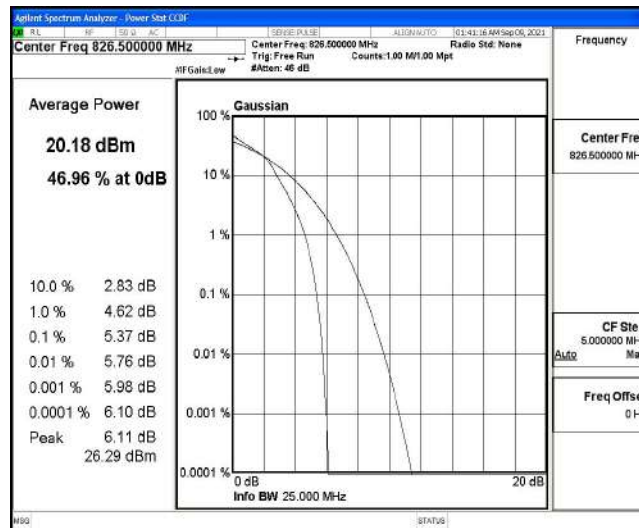
Band5-5MHz-QPSK-20525-25RB#0



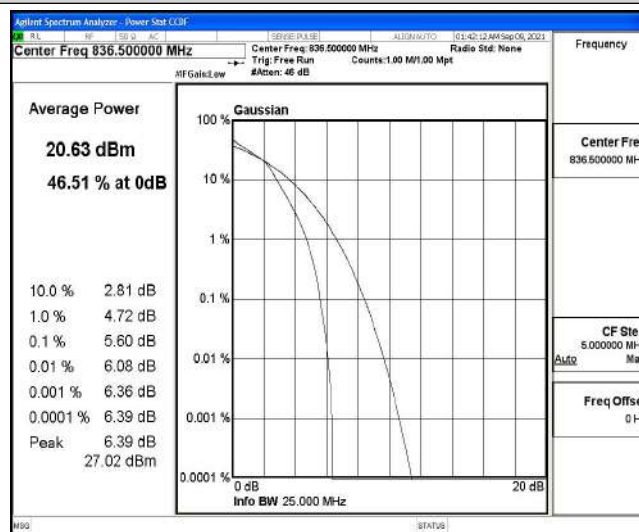
Band5-5MHz-QPSK-20625-25RB#0



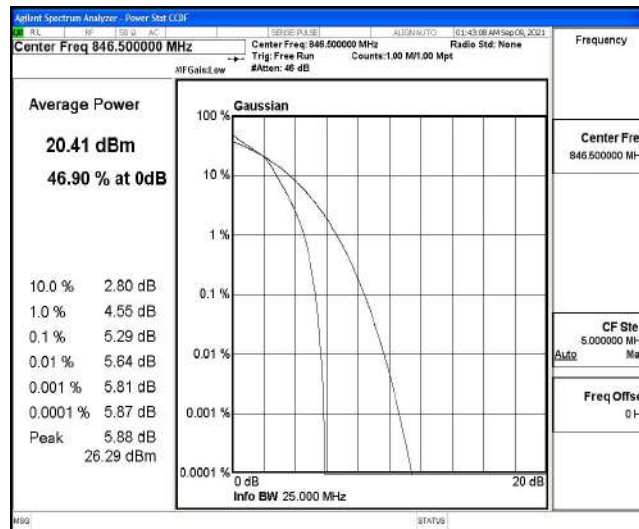
Band5-5MHz-16QAM-20425-25RB#0



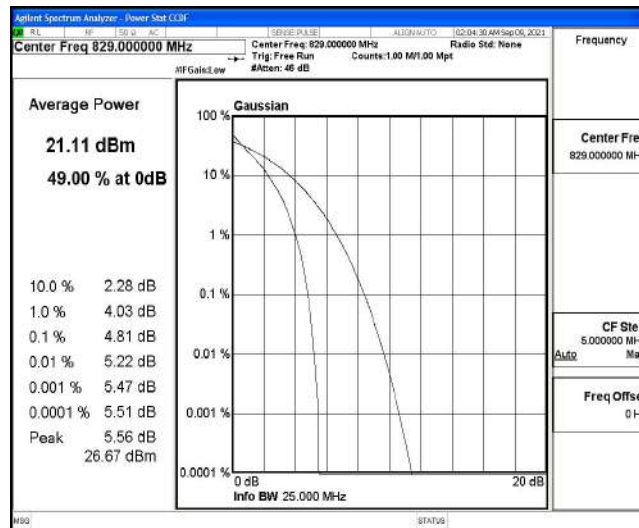
Band5-5MHz-16QAM-20525-25RB#0



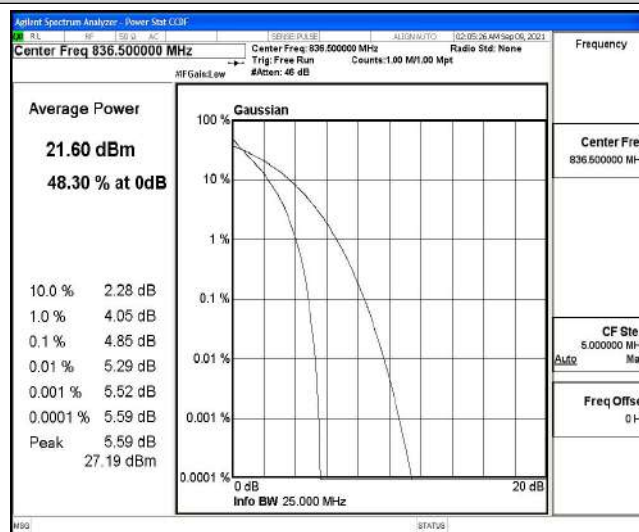
Band5-5MHz-16QAM-20625-25RB#0



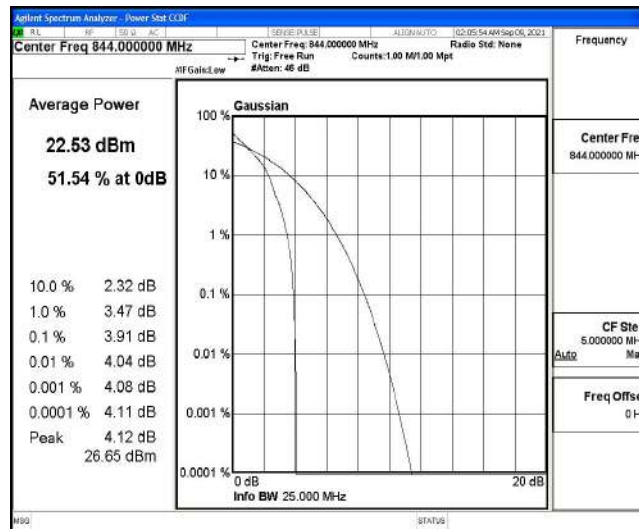
Band5-10MHz-QPSK-20450-50RB#0



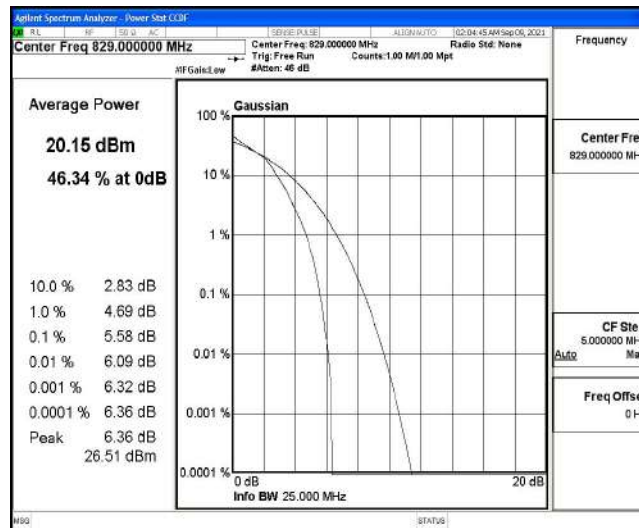
Band5-10MHz-QPSK-20525-50RB#0



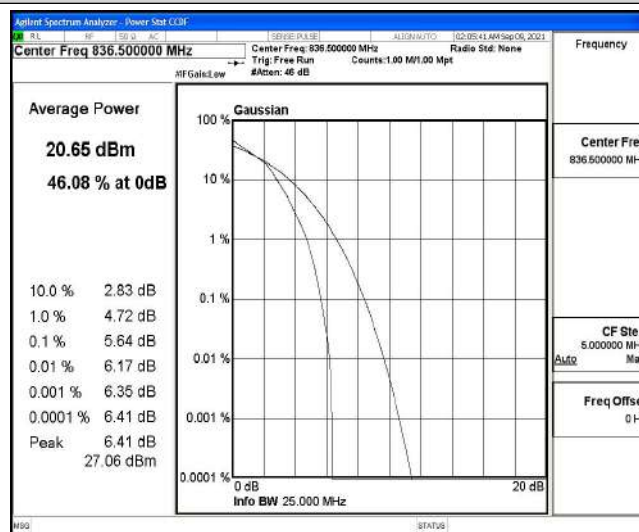
Band5-10MHz-QPSK-20600-50RB#0



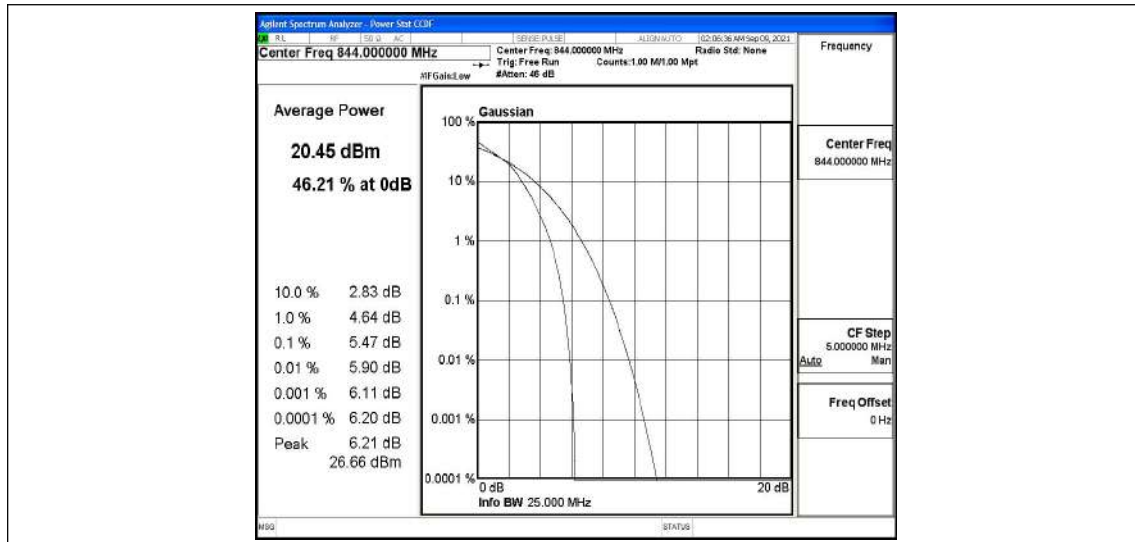
Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0





D.3 26dB Bandwidth and Occupied Bandwidth

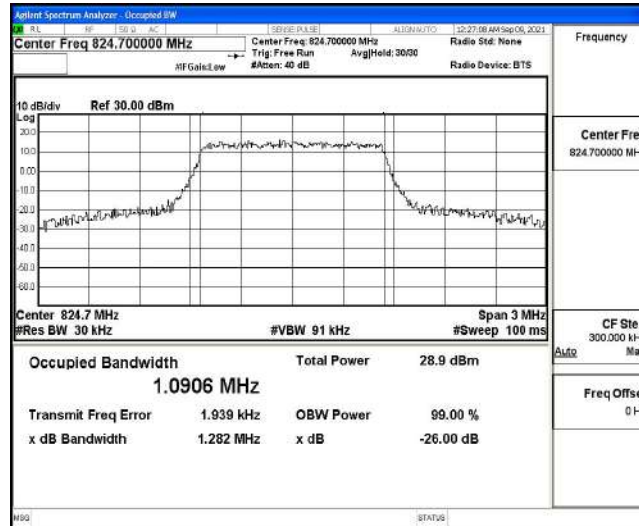
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0906	1.282	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0900	1.285	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0943	1.288	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0932	1.292	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0891	1.290	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0886	1.283	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6903	2.903	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6878	2.876	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6870	2.898	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6783	2.890	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6791	2.883	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6798	2.880	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5005	4.947	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4899	4.915	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4889	4.926	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4934	4.951	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4979	4.911	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4948	4.948	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9837	9.804	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9981	9.815	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9847	9.753	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9795	9.740	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9835	9.739	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9814	9.777	PASS

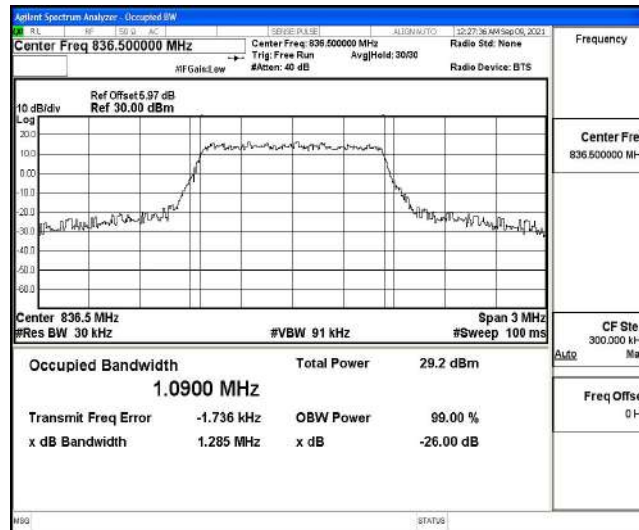


Test Graphs

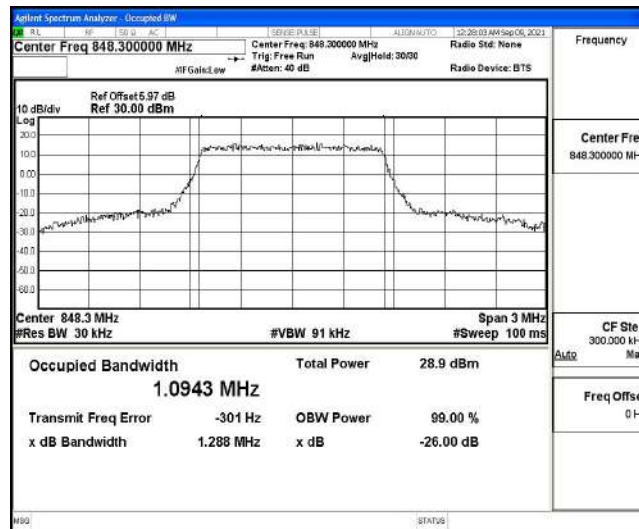
Band5-1.4MHz-QPSK-20407-6RB#0



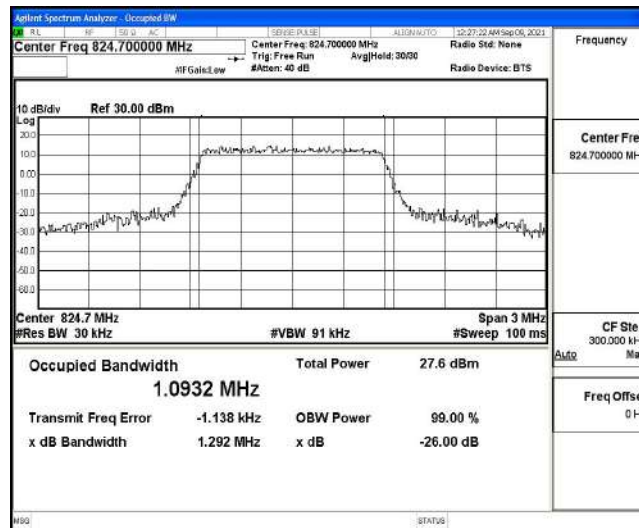
Band5-1.4MHz-QPSK-20525-6RB#0



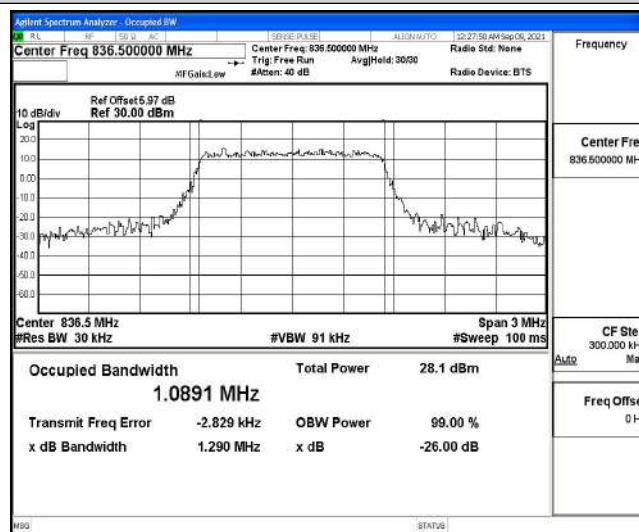
Band5-1.4MHz-QPSK-20643-6RB#0



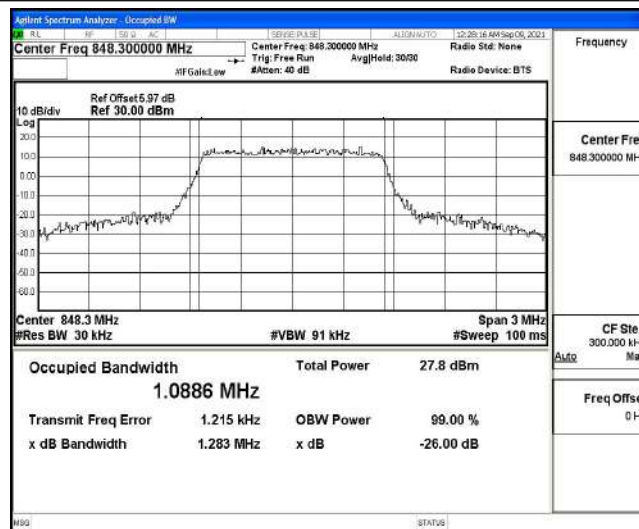
Band5-1.4MHz-16QAM-20407-6RB#0



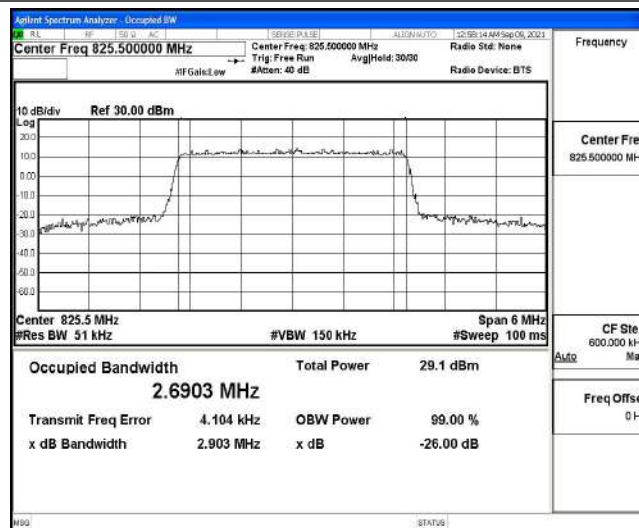
Band5-1.4MHz-16QAM-20525-6RB#0



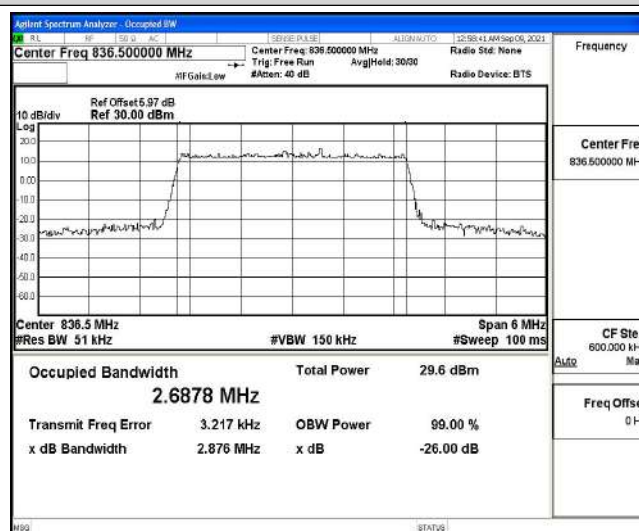
Band5-1.4MHz-16QAM-20643-6RB#0



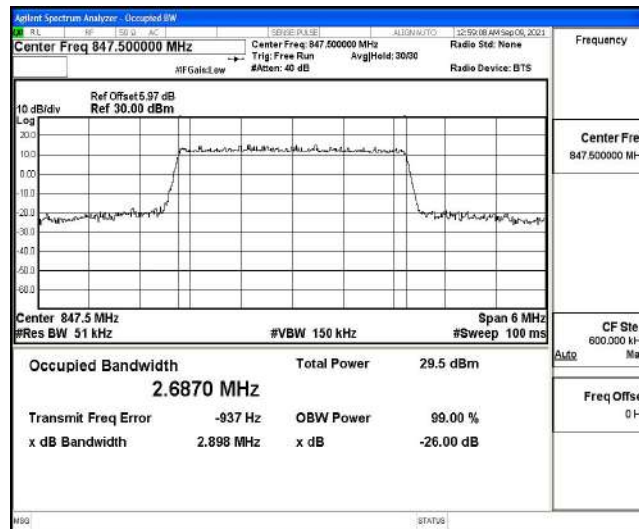
Band5-3MHz-QPSK-20415-15RB#0



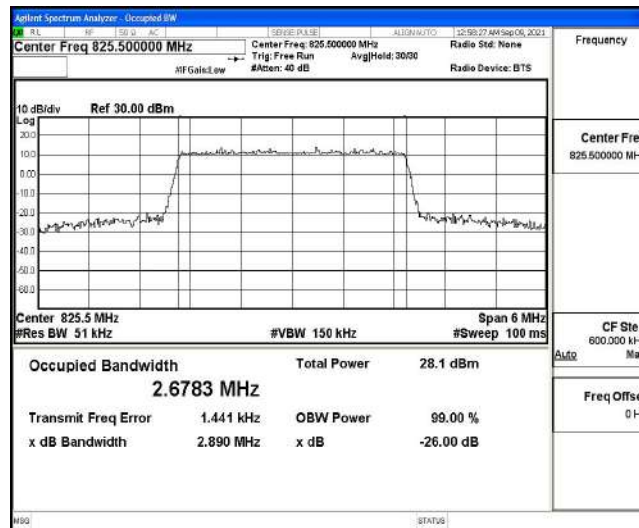
Band5-3MHz-QPSK-20525-15RB#0



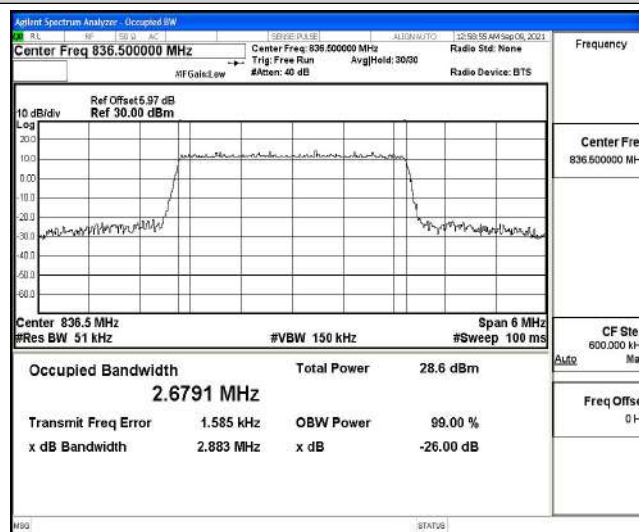
Band5-3MHz-QPSK-20635-15RB#0



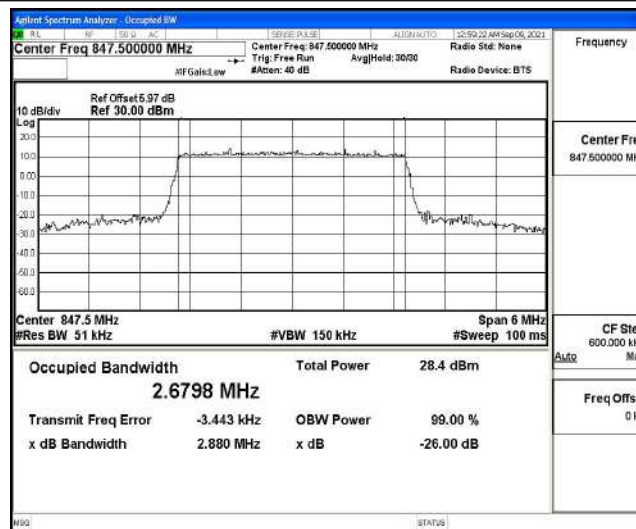
Band5-3MHz-16QAM-20415-15RB#0



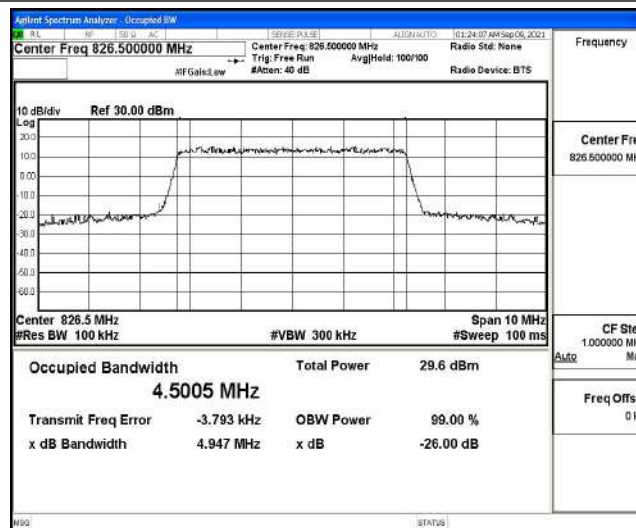
Band5-3MHz-16QAM-20525-15RB#0



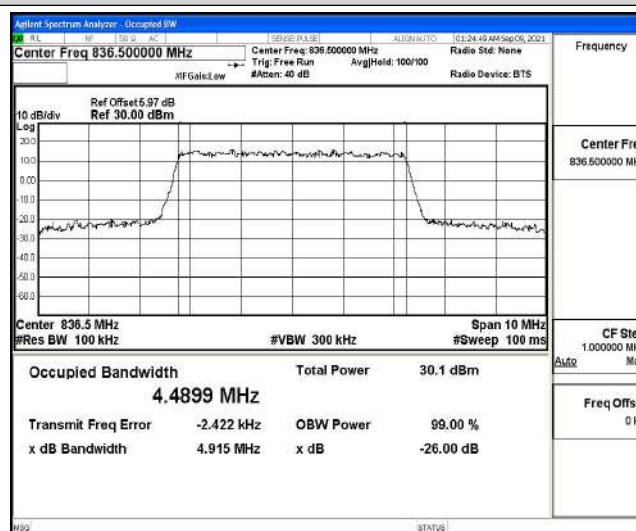
Band5-3MHz-16QAM-20635-15RB#0



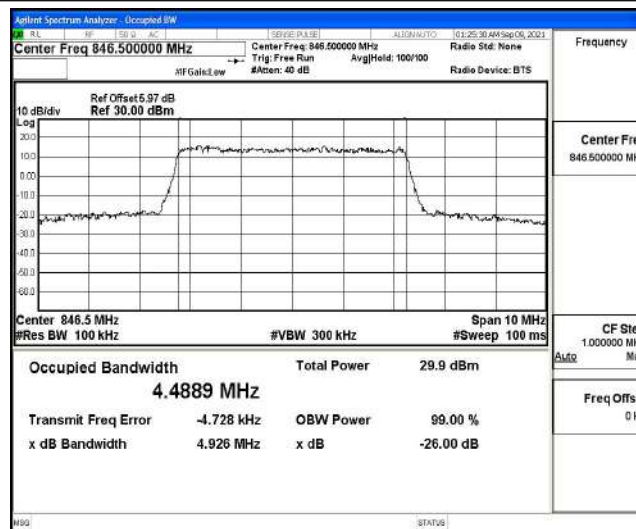
Band5-5MHz-QPSK-20425-25RB#0



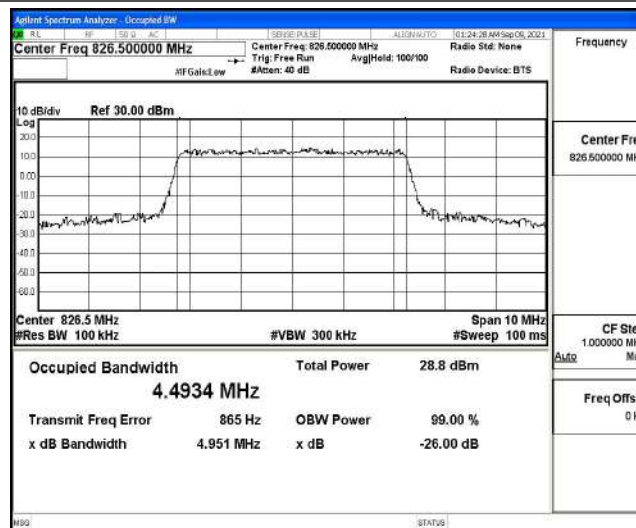
Band5-5MHz-QPSK-20525-25RB#0



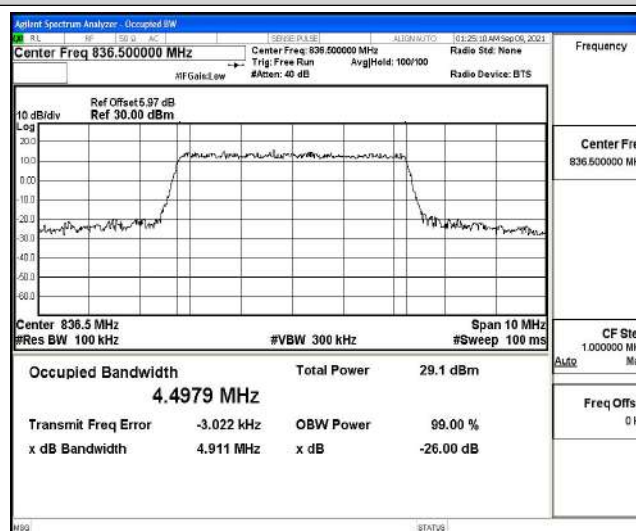
Band5-5MHz-QPSK-20625-25RB#0



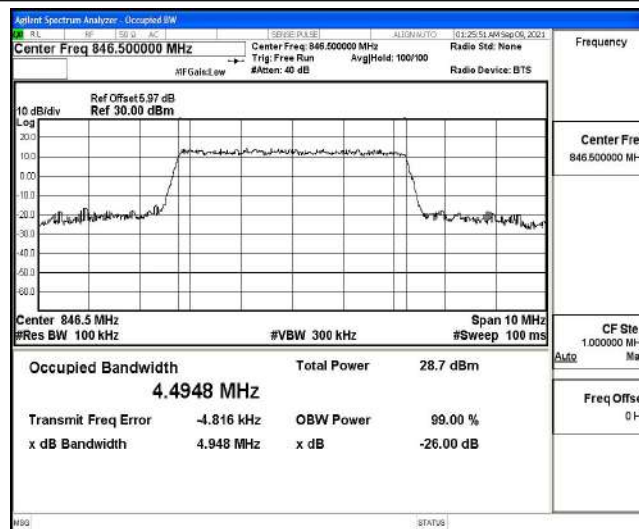
Band5-5MHz-16QAM-20425-25RB#0



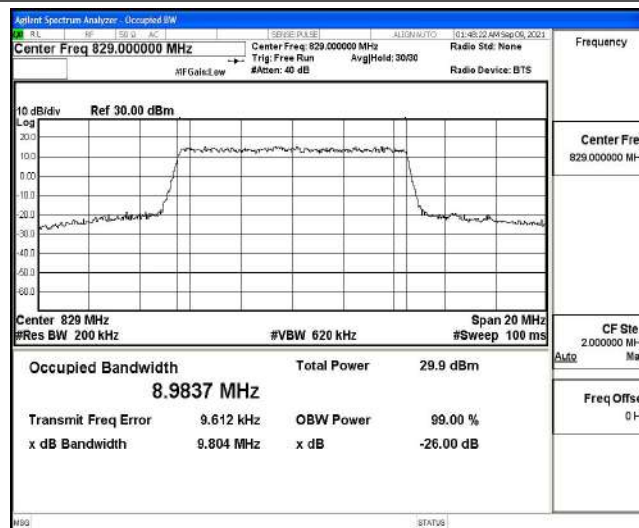
Band5-5MHz-16QAM-20525-25RB#0



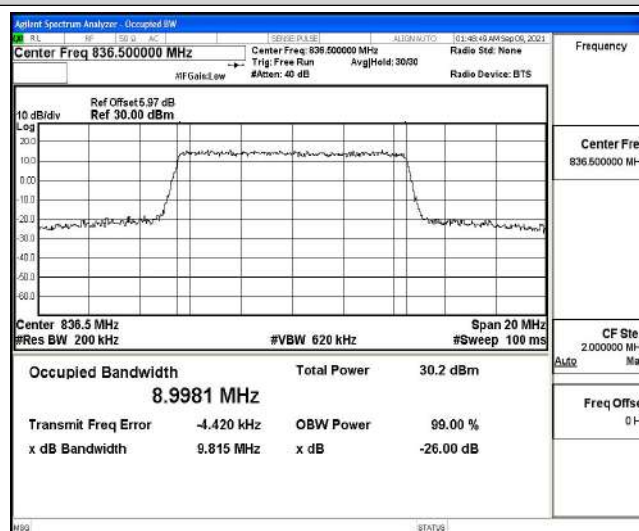
Band5-5MHz-16QAM-20625-25RB#0



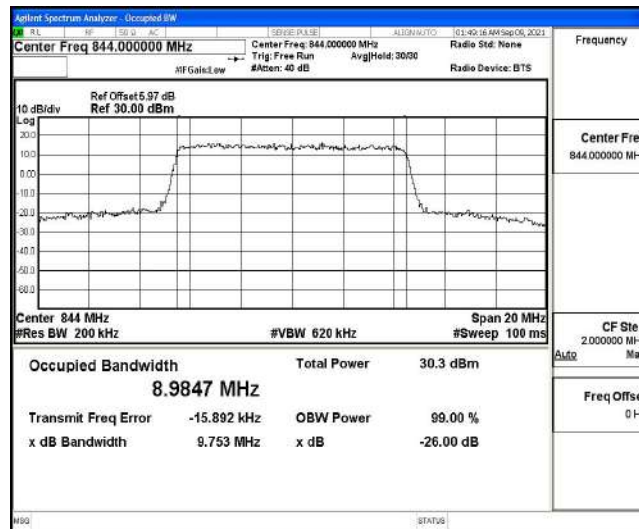
Band5-10MHz-QPSK-20450-50RB#0



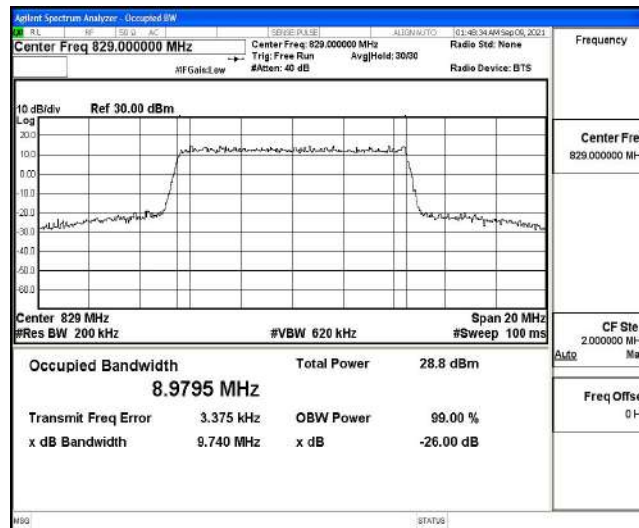
Band5-10MHz-QPSK-20525-50RB#0



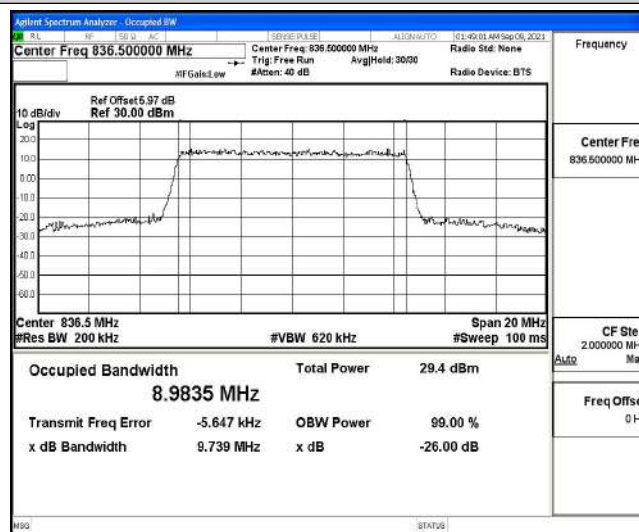
Band5-10MHz-QPSK-20600-50RB#0



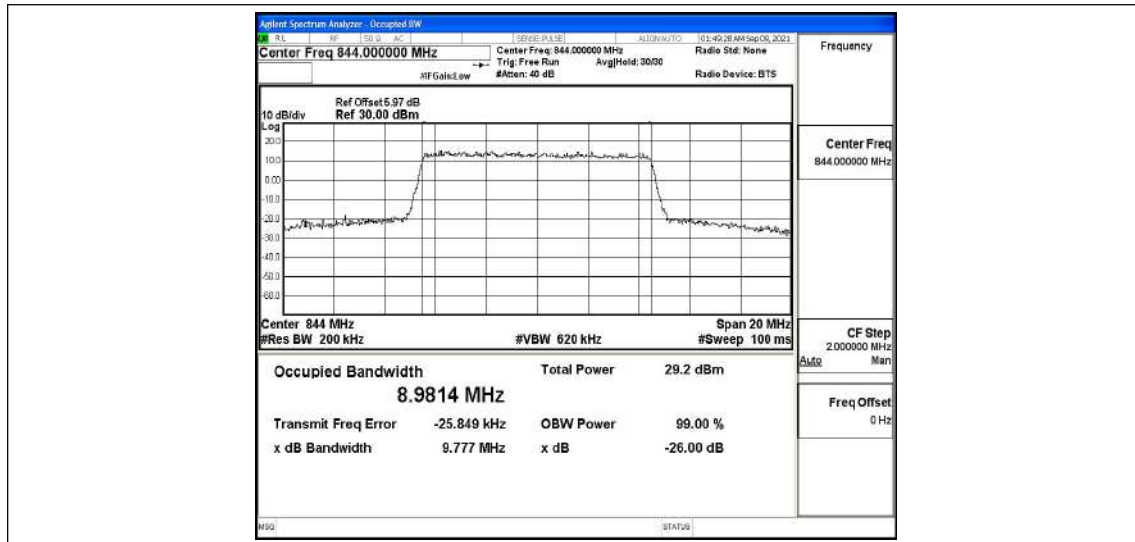
Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



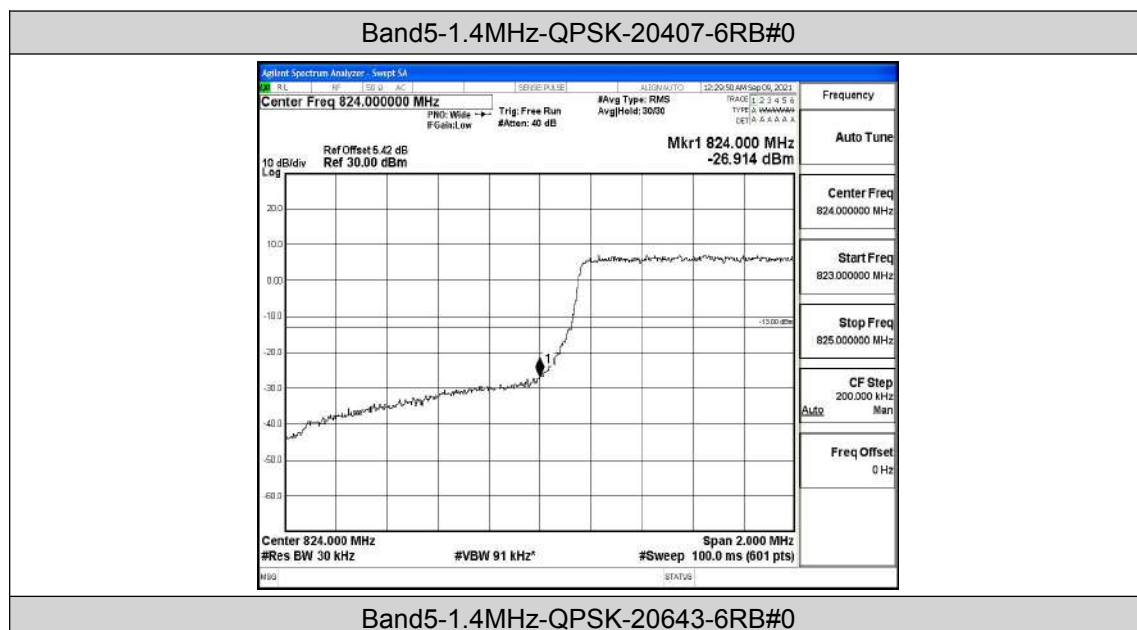


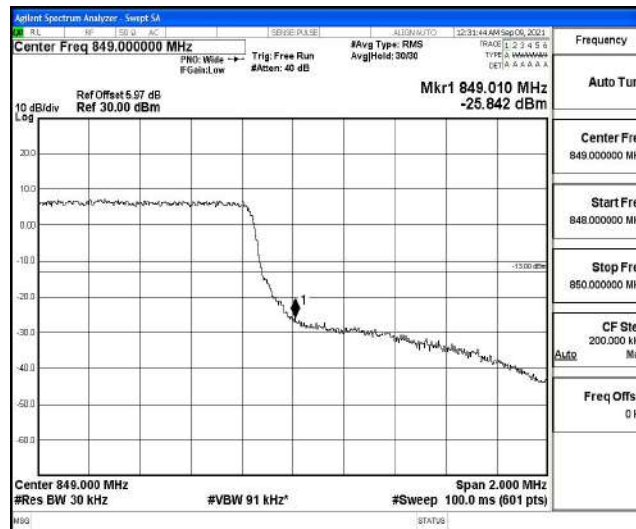
D.4 Band Edge

Test Result

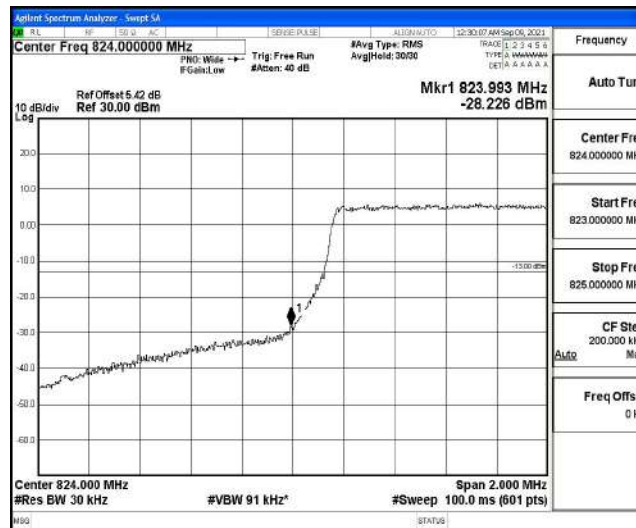
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-26.91	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-25.84	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-28.23	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-28.41	PASS
Band5	3MHz	QPSK	20415	15RB#0	-28.70	PASS
Band5	3MHz	QPSK	20635	15RB#0	-27.64	PASS
Band5	3MHz	16QAM	20415	15RB#0	-30.69	PASS
Band5	3MHz	16QAM	20635	15RB#0	-30.61	PASS
Band5	5MHz	QPSK	20425	25RB#0	-27.26	PASS
Band5	5MHz	QPSK	20625	25RB#0	-26.69	PASS
Band5	5MHz	16QAM	20425	25RB#0	-29.38	PASS
Band5	5MHz	16QAM	20625	25RB#0	-28.98	PASS
Band5	10MHz	QPSK	20450	50RB#0	-29.15	PASS
Band5	10MHz	QPSK	20600	50RB#0	-28.96	PASS
Band5	10MHz	16QAM	20450	50RB#0	-31.63	PASS
Band5	10MHz	16QAM	20600	50RB#0	-31.38	PASS

Test Graphs

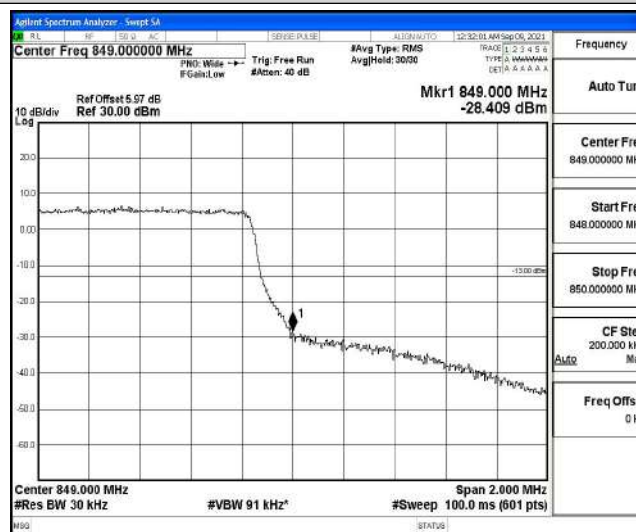




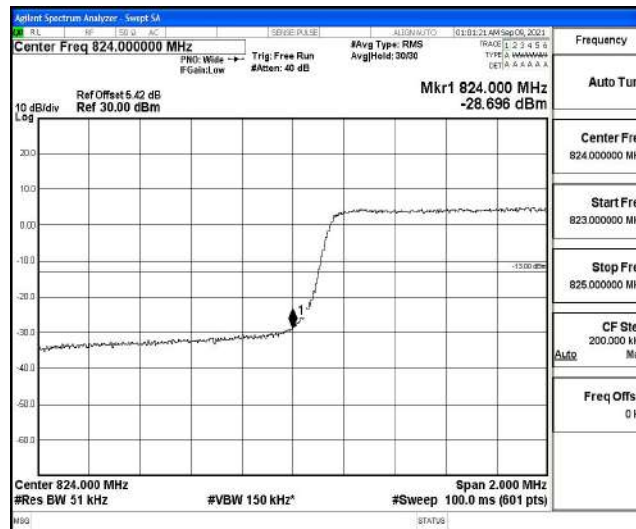
Band5-1.4MHz-16QAM-20407-6RB#0



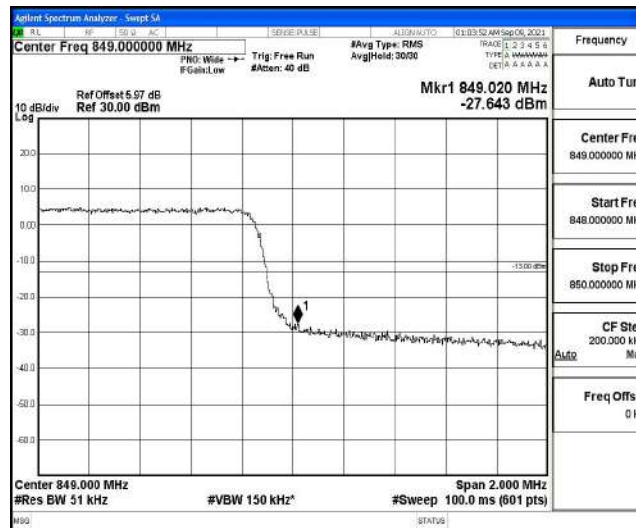
Band5-1.4MHz-16QAM-20643-6RB#0



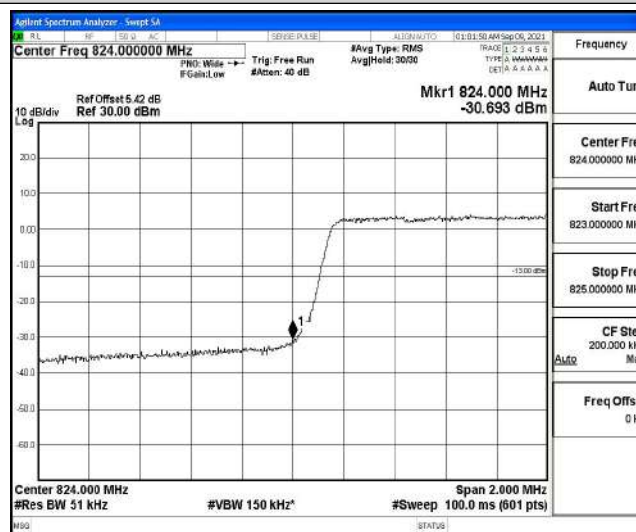
Band5-3MHz-QPSK-20415-15RB#0



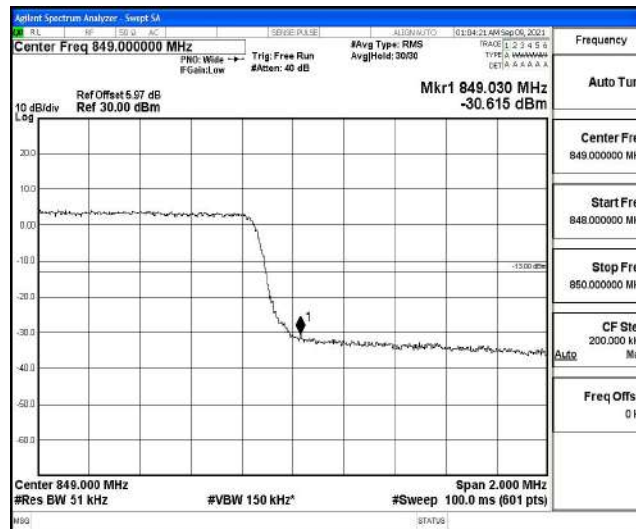
Band5-3MHz-QPSK-20635-15RB#0



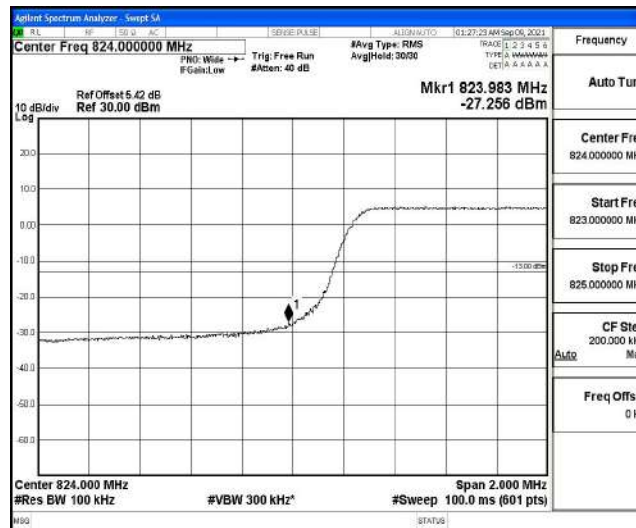
Band5-3MHz-16QAM-20415-15RB#0



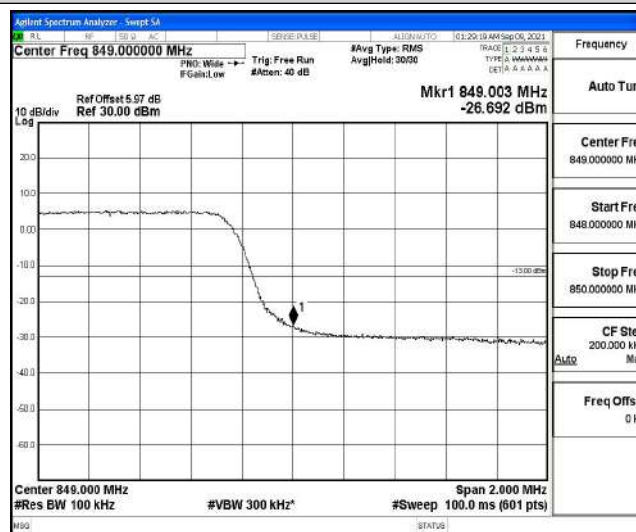
Band5-3MHz-16QAM-20635-15RB#0



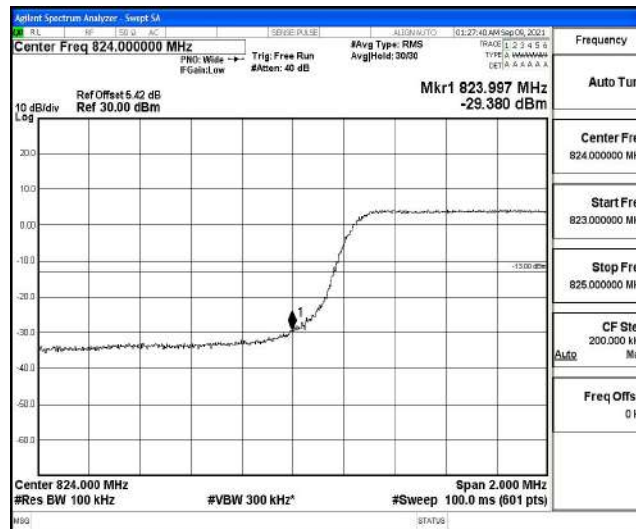
Band5-5MHz-QPSK-20425-25RB#0



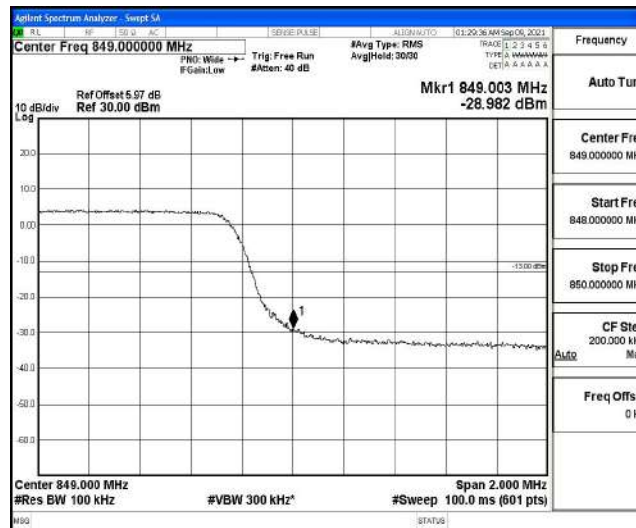
Band5-5MHz-QPSK-20625-25RB#0



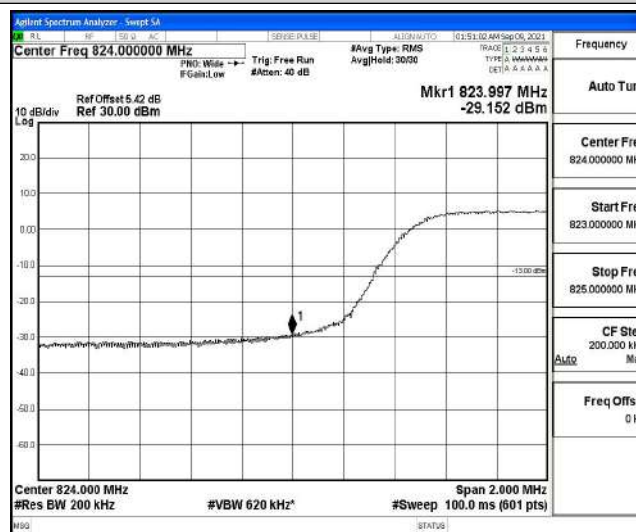
Band5-5MHz-16QAM-20425-25RB#0



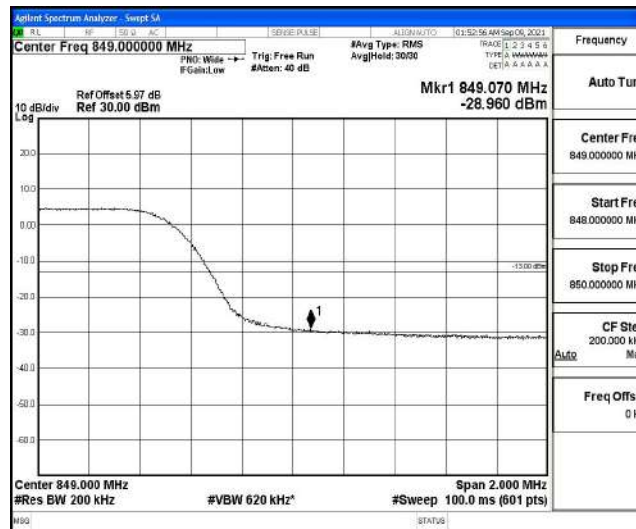
Band5-5MHz-16QAM-20625-25RB#0



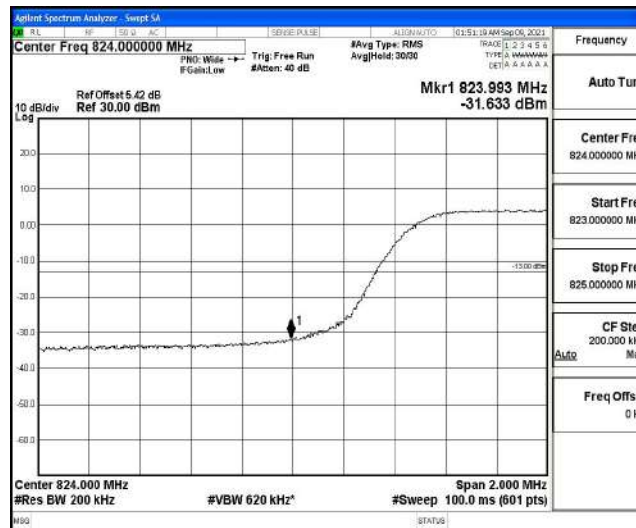
Band5-10MHz-QPSK-20450-50RB#0



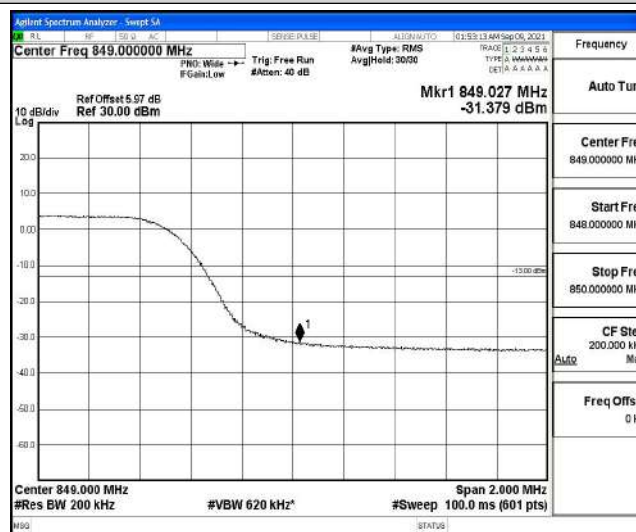
Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-50RB#0





D.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:0.009~0.15MHz	-55.84	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:0.15~30MHz	-53.65	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:30~1000MHz	-42.55	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:1000~10000MHz	-45.54	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.1	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-49.7	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.85	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.52	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:0.009~0.15MHz	-56.35	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:0.15~30MHz	-52.91	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:30~1000MHz	-41.57	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:1000~10000MHz	-45.53	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:0.009~0.15MHz	-55.97	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:0.15~30MHz	-51.86	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:30~1000MHz	-41.12	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:1000~10000MHz	-45.6	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.87	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-52.05	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.68	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.47	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:0.009~0.15MHz	-55.76	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:0.15~30MHz	-50.97	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:30~1000MHz	-42.34	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:1000~10000MHz	-45.46	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:0.009~0.15MHz	-54.72	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:0.15~30MHz	-53.56	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:30~1000MHz	-41.86	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:1000~10000MHz	-45.53	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.91	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.95	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-42.03	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.34	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:0.009~0.15MHz	-54.94	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:0.15~30MHz	-52.12	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range3:30~1000MHz	-42.25	PASS



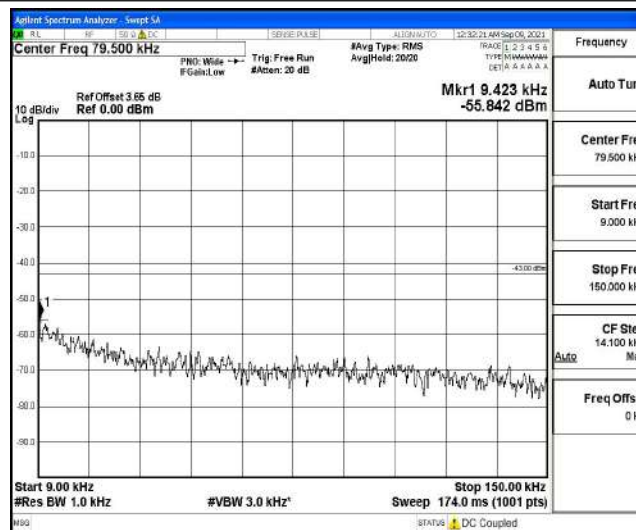
Band5	3MHz	QPSK	20635	1RB#0	Range4:1000~10000MHz	-45.47	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:0.009~0.15MHz	-57.55	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:0.15~30MHz	-50.38	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:30~1000MHz	-42.32	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:1000~10000MHz	-45.48	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-56.94	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-52.36	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-42.33	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.46	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:0.009~0.15MHz	-55.47	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:0.15~30MHz	-51.22	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:30~1000MHz	-41.62	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:1000~10000MHz	-45.36	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:0.009~0.15MHz	-56.68	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:0.15~30MHz	-49.35	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:30~1000MHz	-42.53	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:1000~10000MHz	-45.51	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.05	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.97	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-42.22	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.51	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:0.009~0.15MHz	-57.16	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:0.15~30MHz	-50.92	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:30~1000MHz	-42.77	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:1000~10000MHz	-45.52	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:0.009~0.15MHz	-55.34	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:0.15~30MHz	-53.67	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:30~1000MHz	-42.65	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:1000~10000MHz	-45.42	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-56.15	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-49.84	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-42.36	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.51	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:0.009~0.15MHz	-55.63	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:0.15~30MHz	-51.2	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:30~1000MHz	-42.33	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:1000~10000MHz	-45.59	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:0.009~0.15MHz	-55.66	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:0.15~30MHz	-51.84	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range3:30~1000MHz	-41.8	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range4:1000~10000MHz	-45.47	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-56.15	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.29	PASS



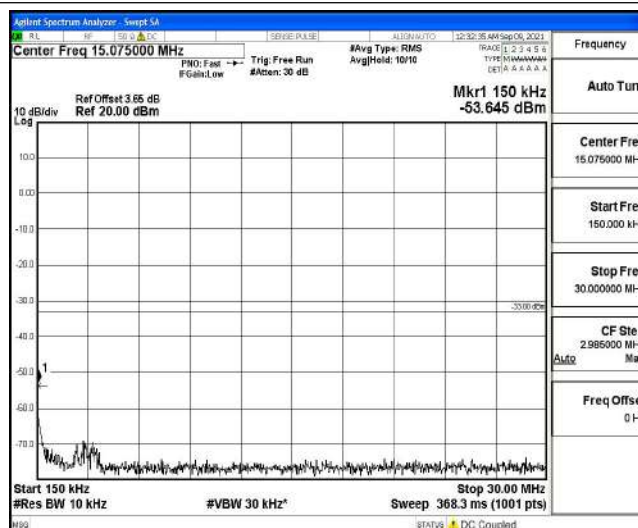
Band5	10MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.92	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.42	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:0.009~0.15MHz	-57.26	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:0.15~30MHz	-51.66	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:30~1000MHz	-42.21	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:1000~10000MHz	-45.5	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:0.009~0.15MHz	-55.18	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:0.15~30MHz	-52.06	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:30~1000MHz	-42.53	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:1000~10000MHz	-45.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.59	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.55	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.41	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:0.009~0.15MHz	-55.06	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:0.15~30MHz	-53.08	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:30~1000MHz	-41.84	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:1000~10000MHz	-45.37	PASS

Test Graphs

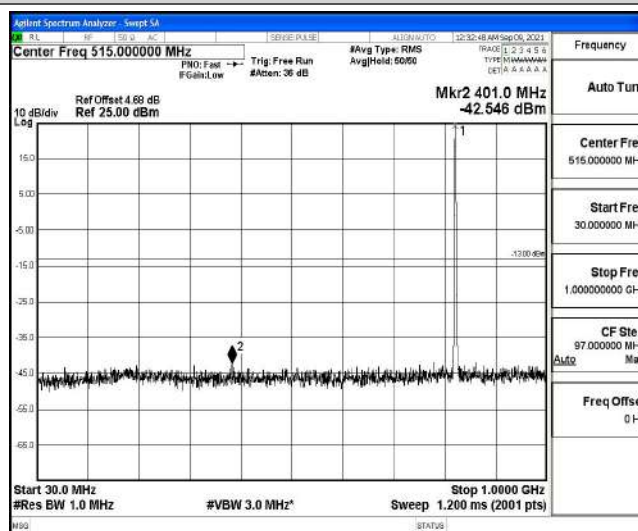
Band5-1.4MHz-QPSK-20407-1RB#0-Range1:0.009~0.15MHz



Band5-1.4MHz-QPSK-20407-1RB#0-Range2:0.15~30MHz



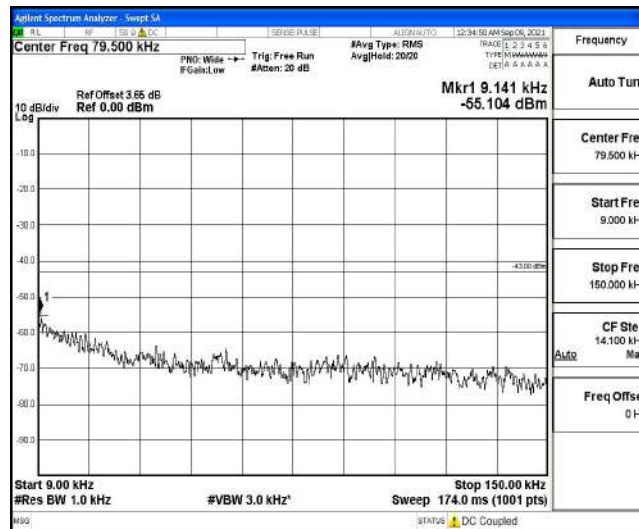
Band5-1.4MHz-QPSK-20407-1RB#0-Range3:30~1000MHz



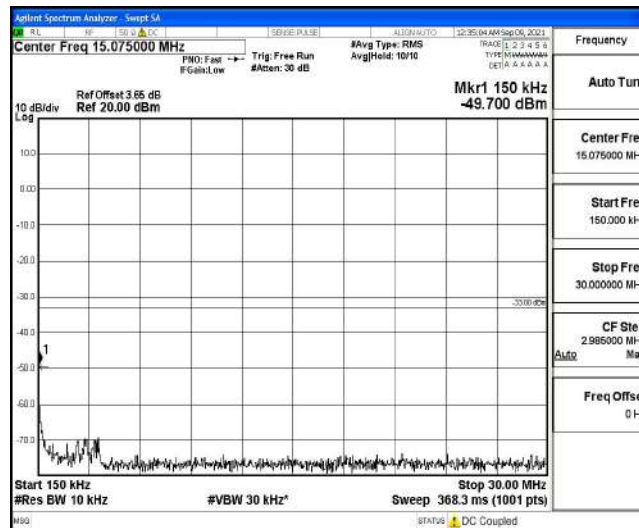
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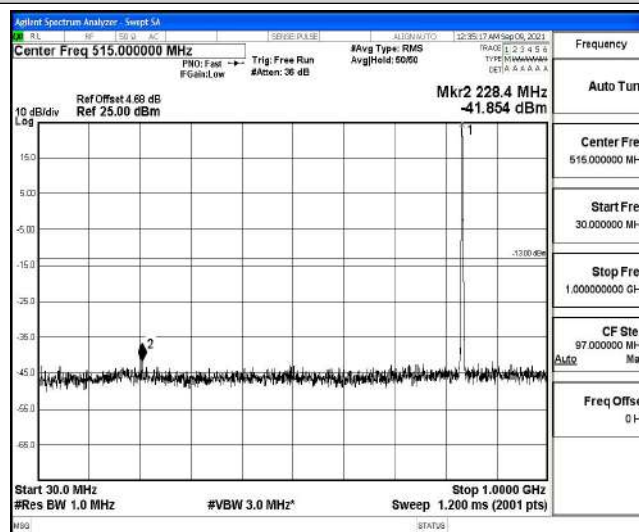
Band5-1.4MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz



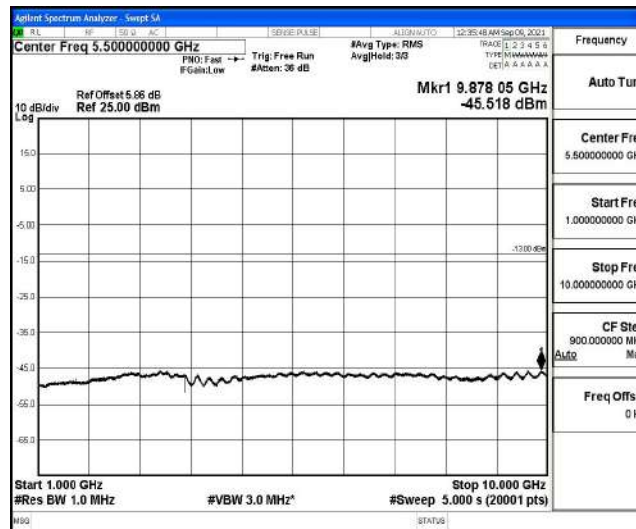
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



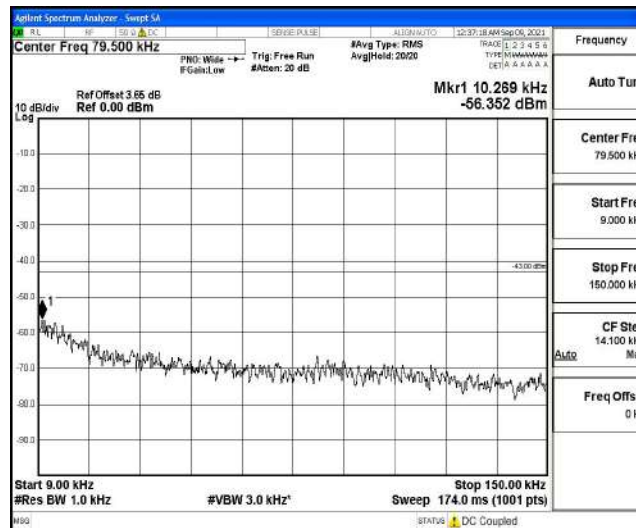
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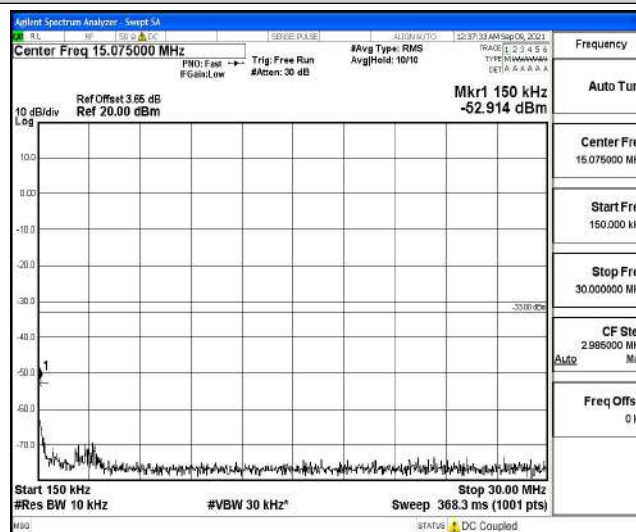
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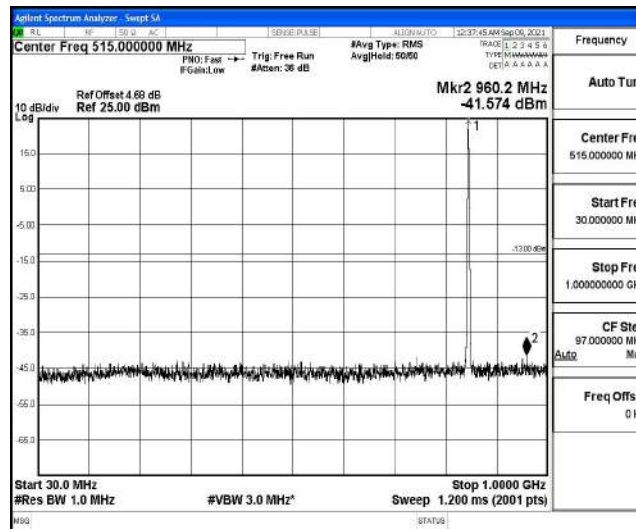
Band5-1.4MHz-QPSK-20643-1RB#0-Range1:0.009~0.15MHz



Band5-1.4MHz-QPSK-20643-1RB#0-Range2:0.15~30MHz



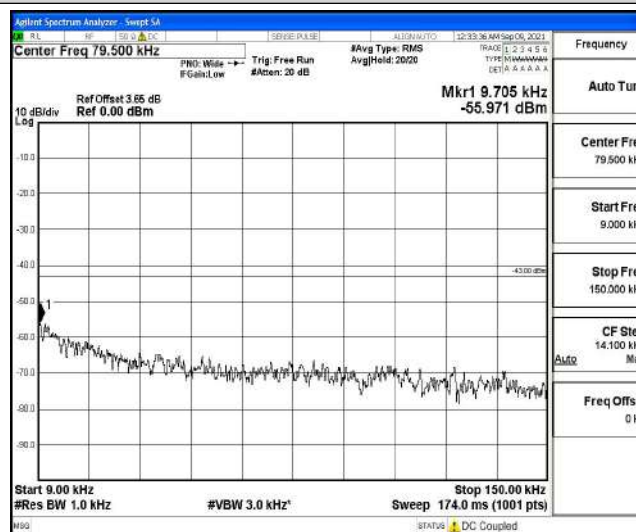
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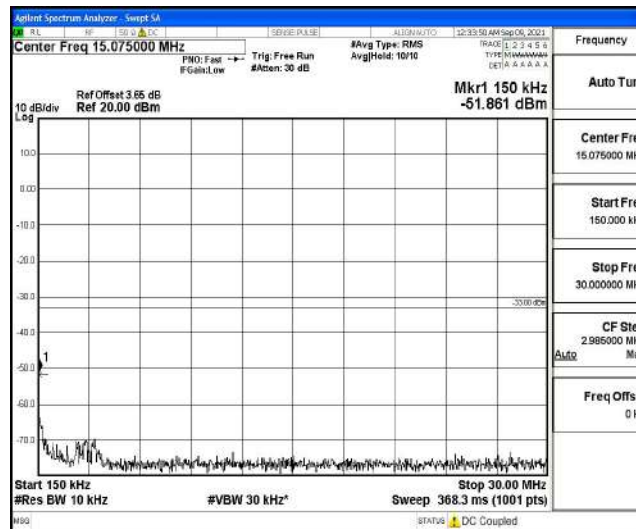
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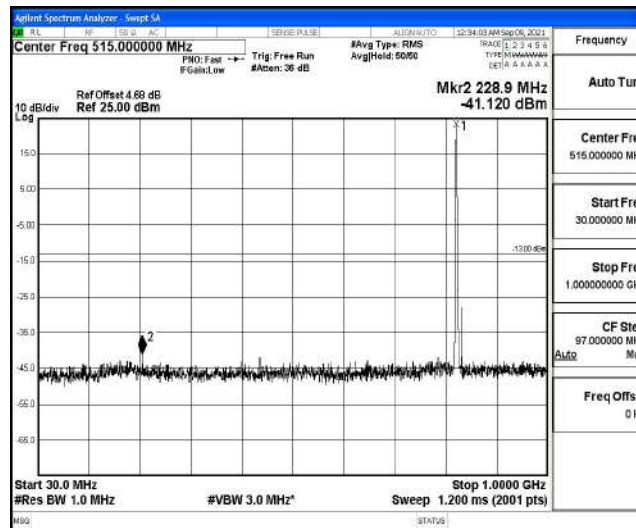
Band5-1.4MHz-16QAM-20407-1RB#0-Range1:0.009~0.15MHz



Band5-1.4MHz-16QAM-20407-1RB#0-Range2:0.15~30MHz



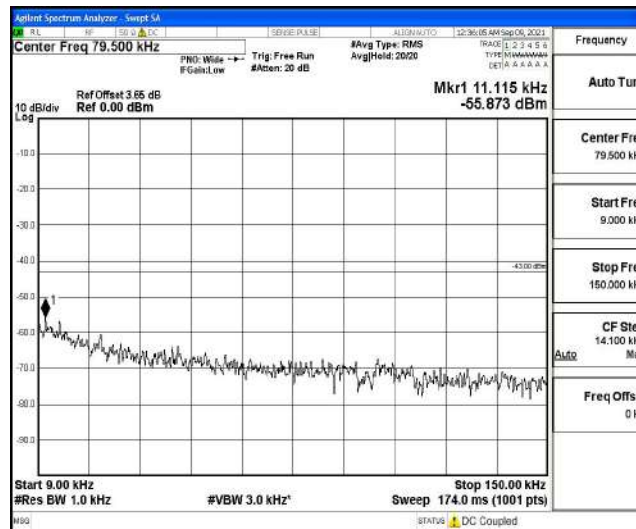
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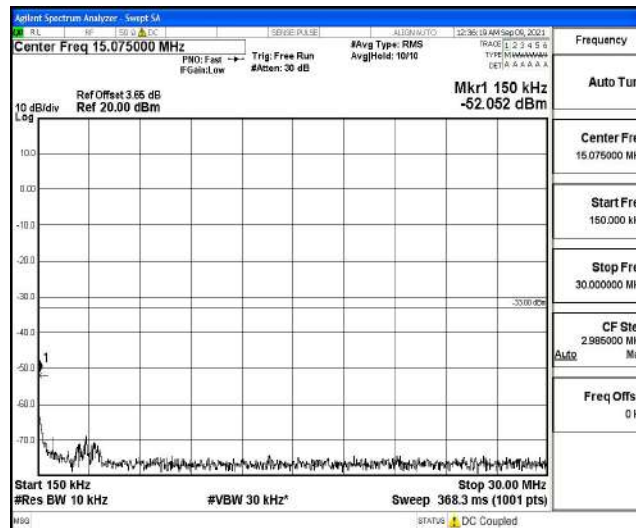
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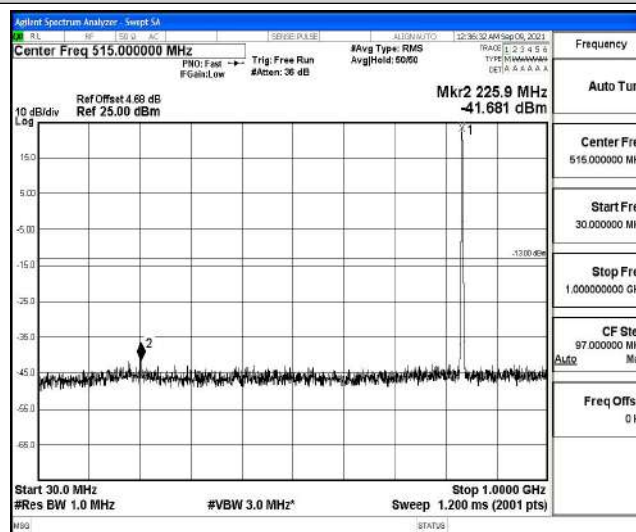
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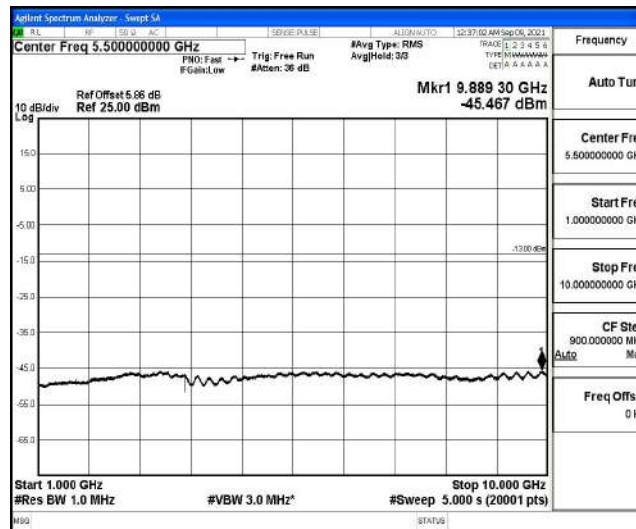
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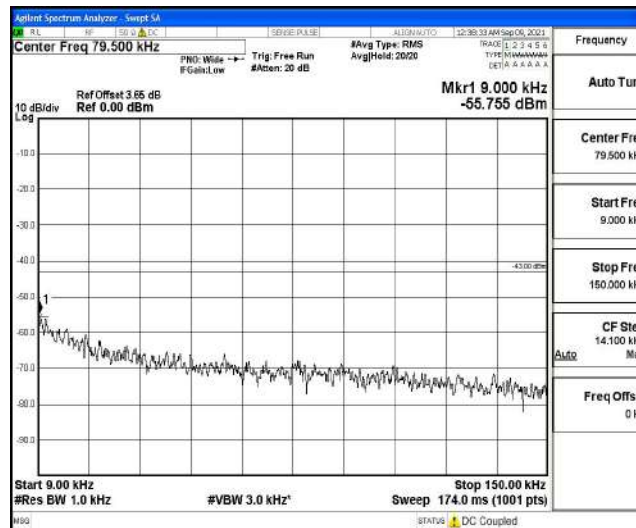
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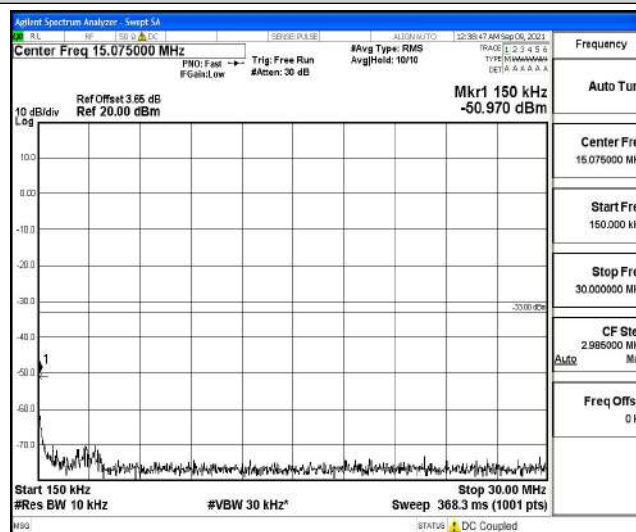
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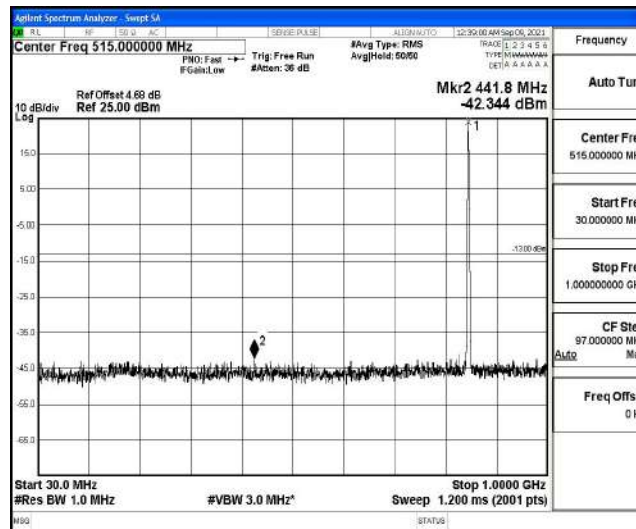
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Band5-1.4MHz-16QAM-20643-1RB#0-Range2:0.15~30MHz



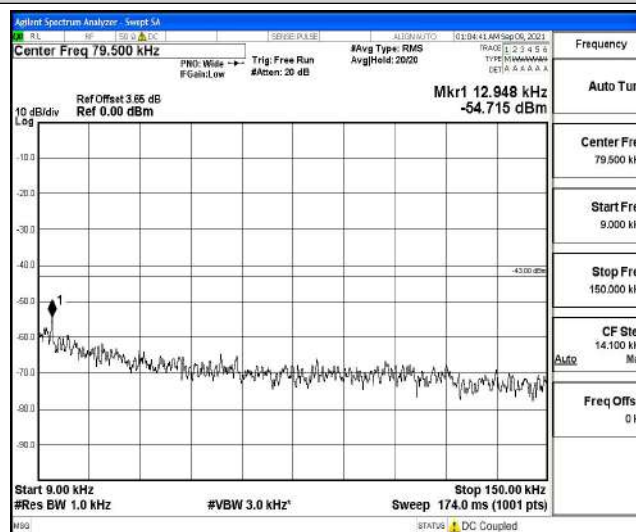
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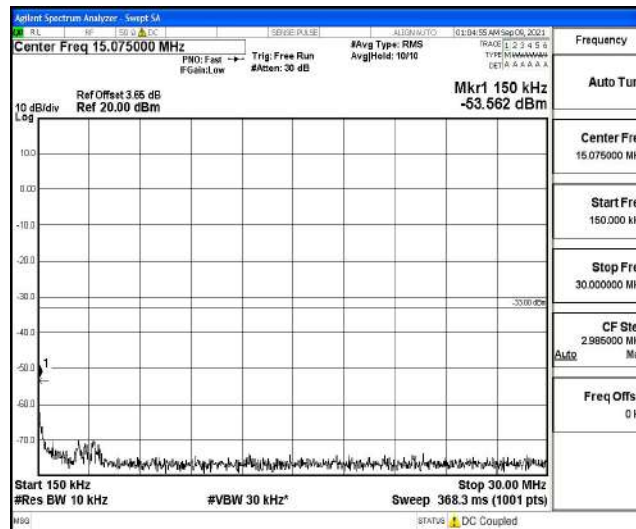
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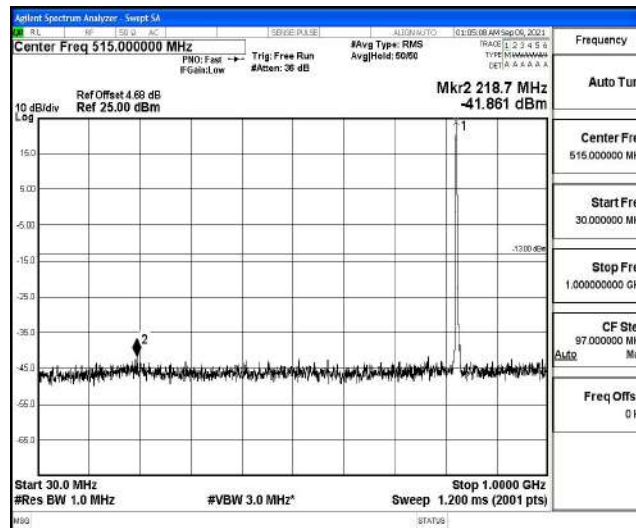
Band5-3MHz-QPSK-20415-1RB#0-Range1:0.009~0.15MHz



Band5-3MHz-QPSK-20415-1RB#0-Range2:0.15~30MHz



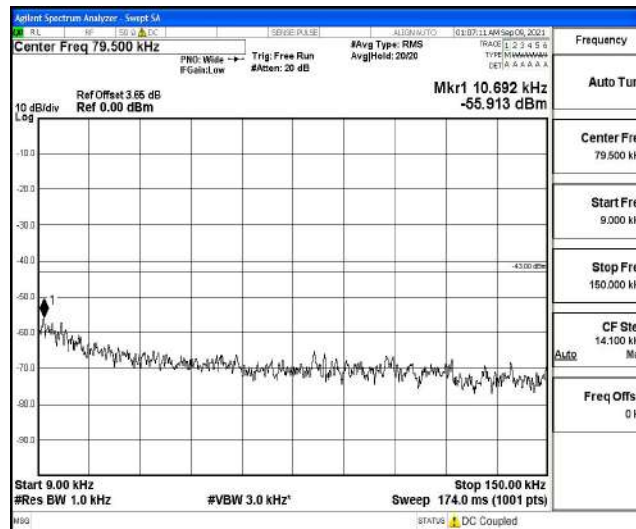
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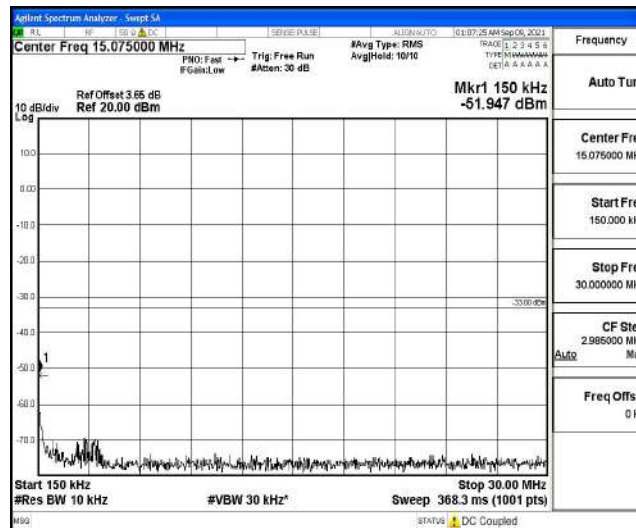
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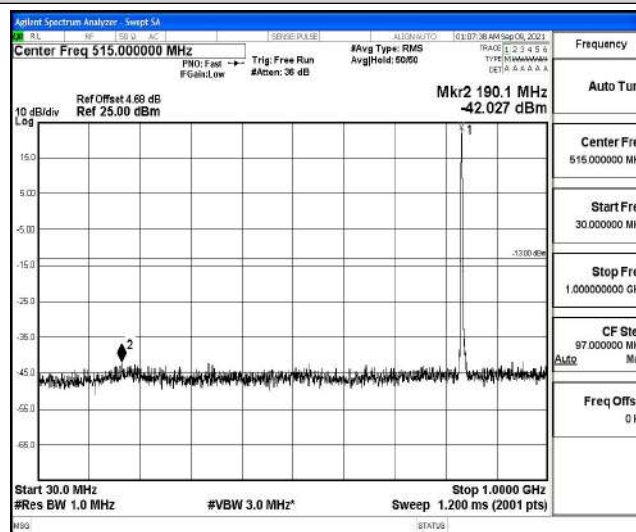
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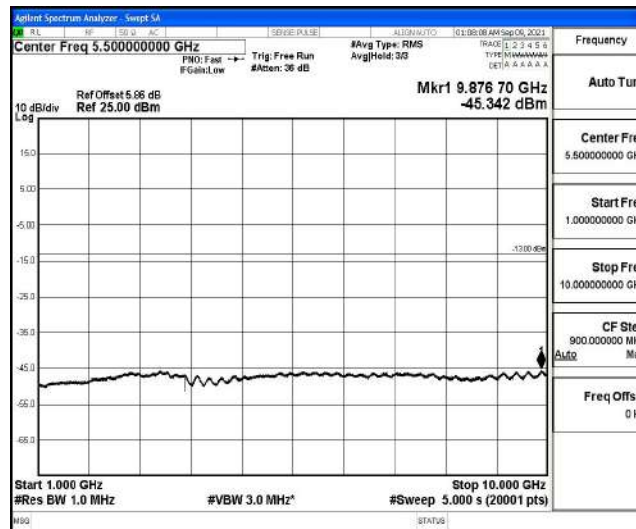
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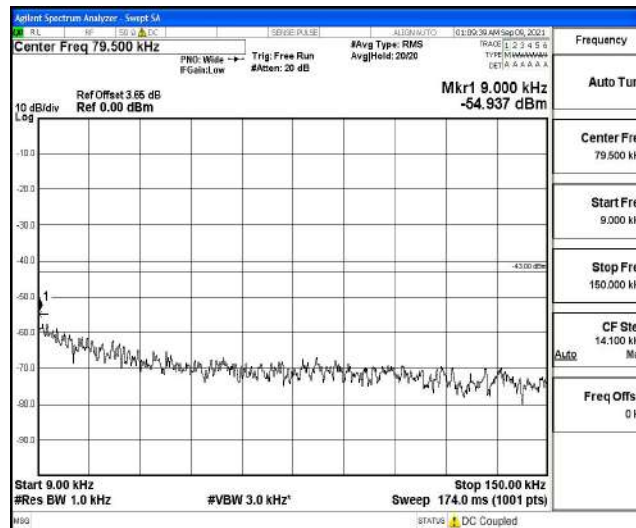
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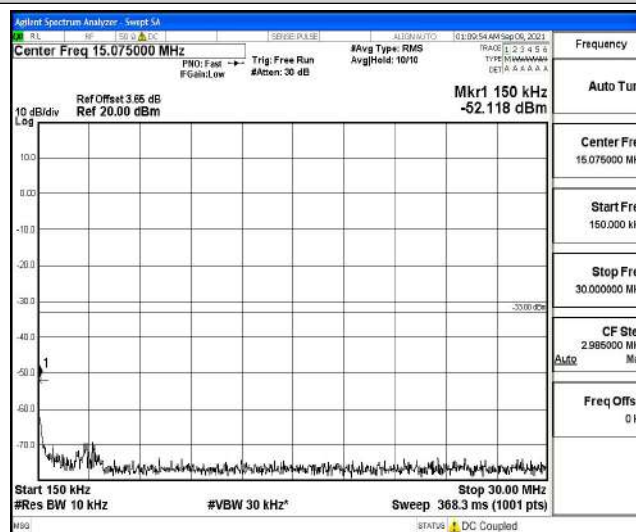
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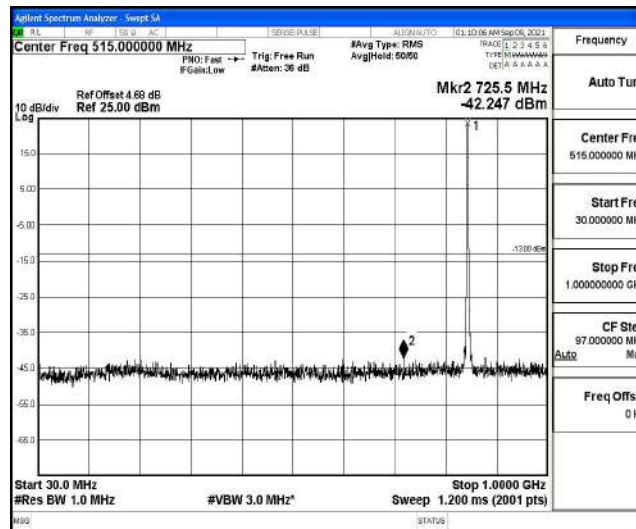
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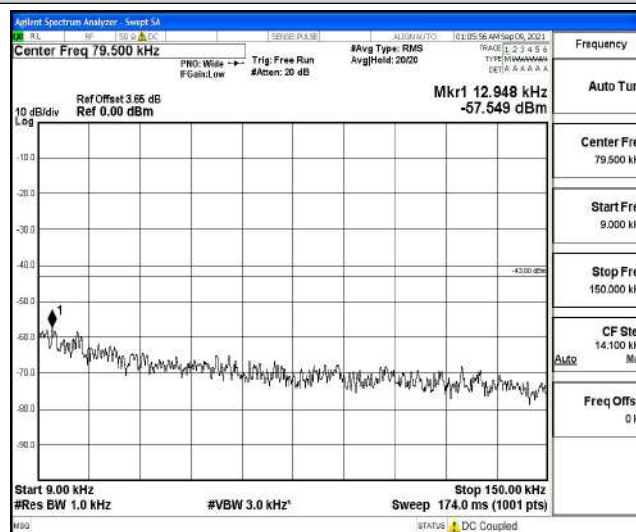
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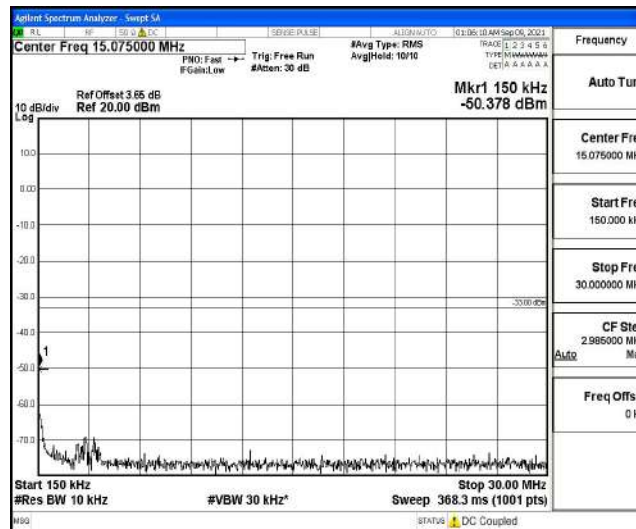
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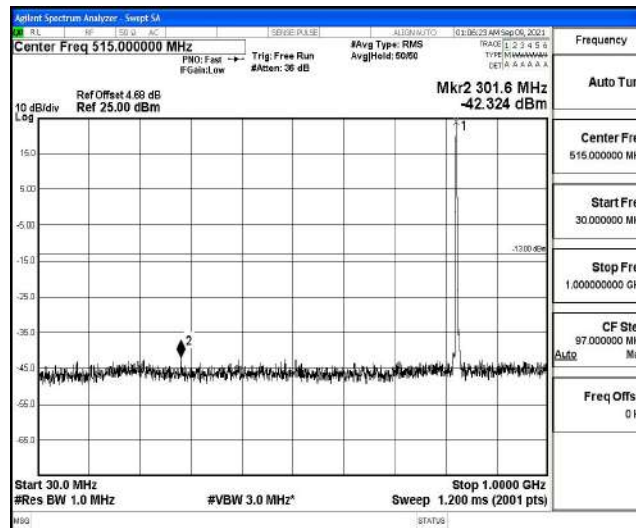
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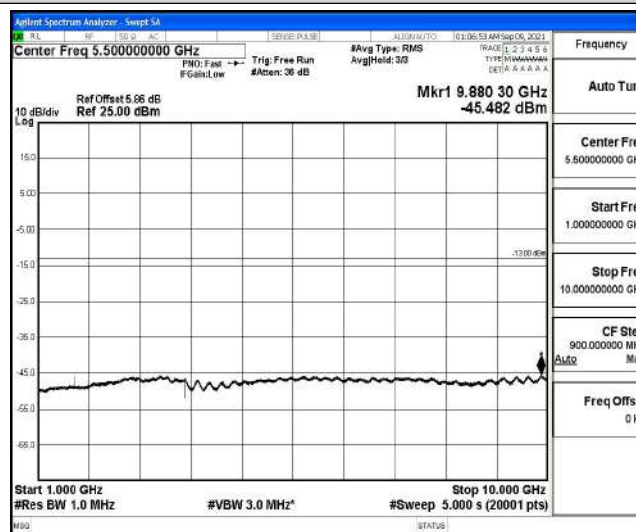
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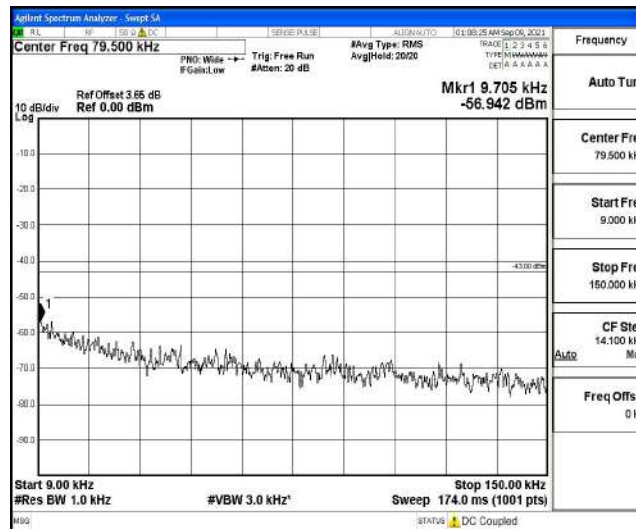
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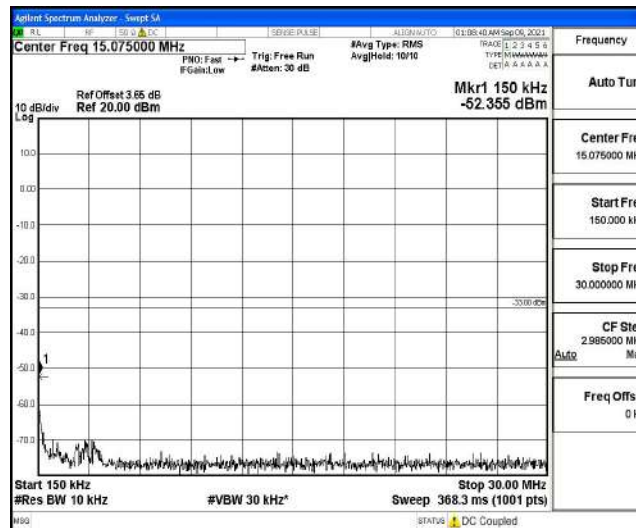
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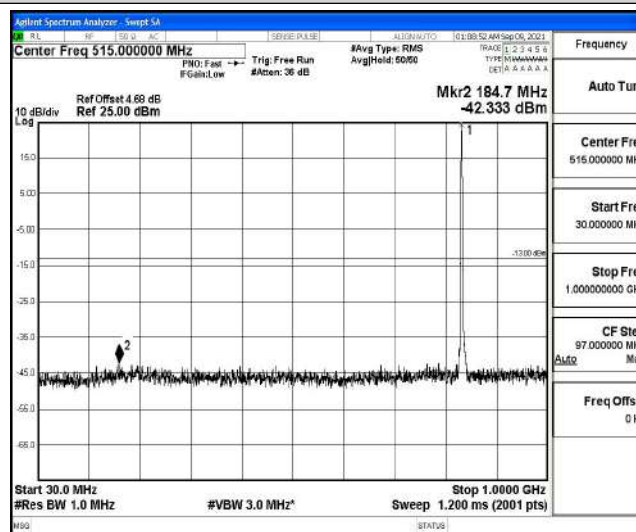
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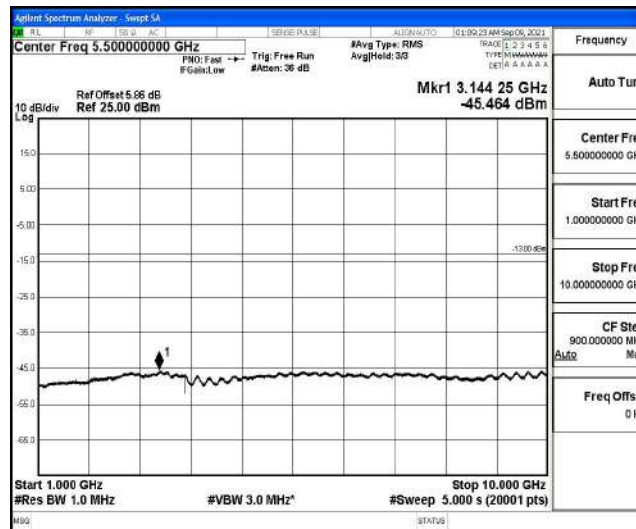
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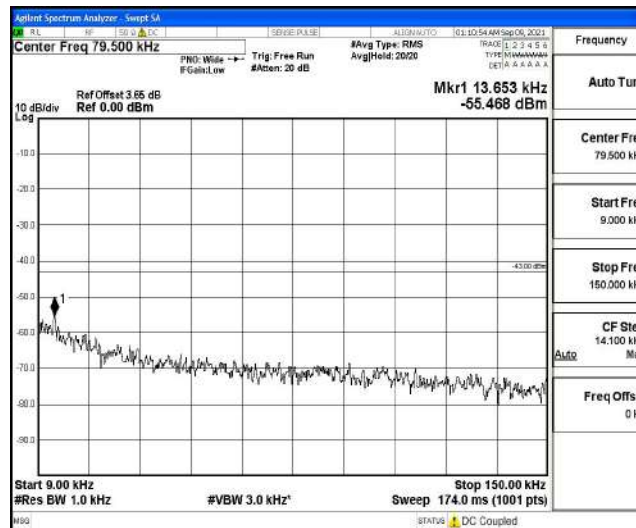
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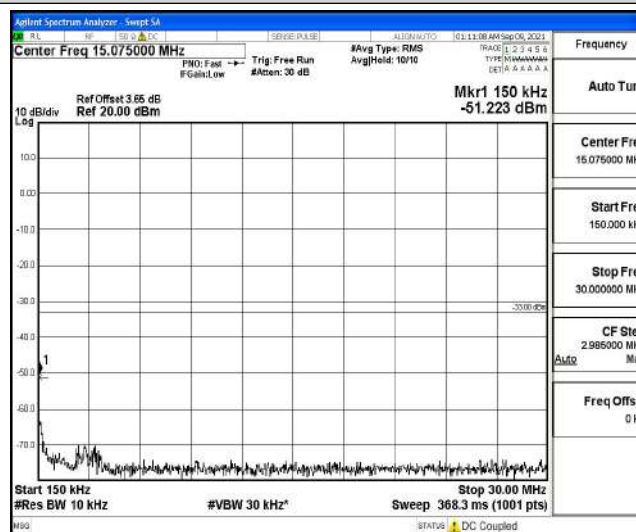
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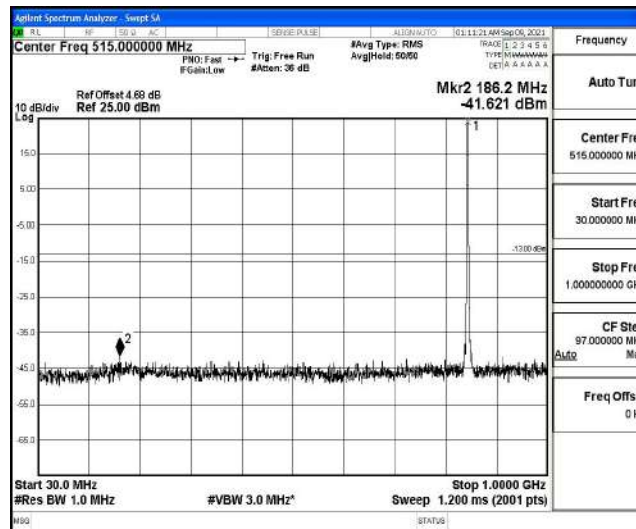
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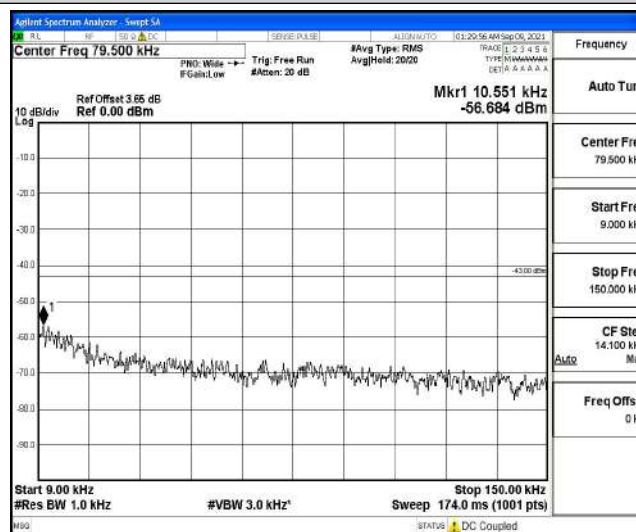
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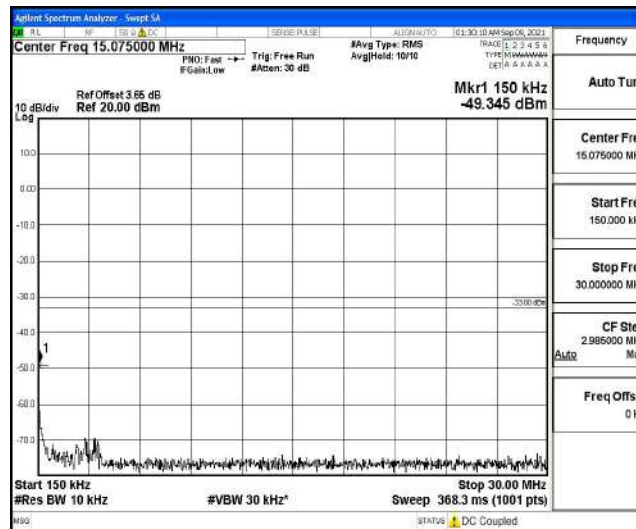
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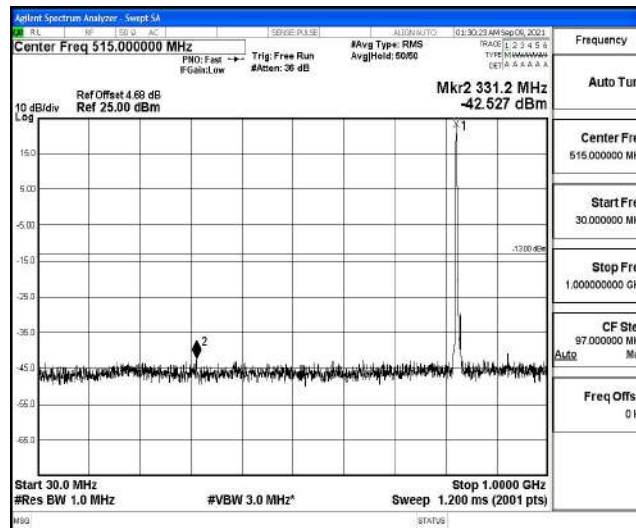
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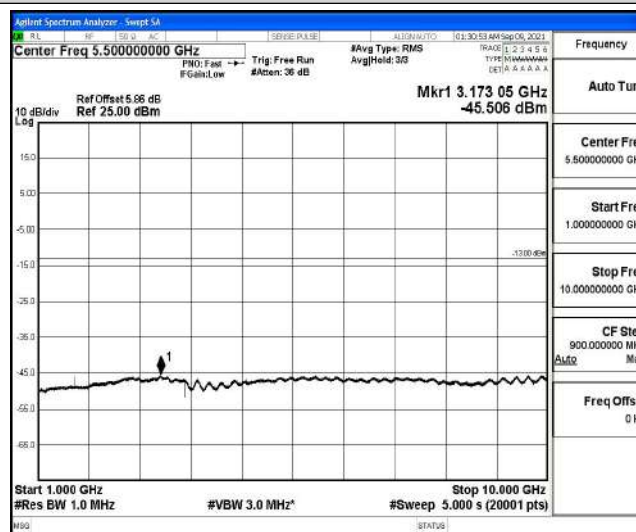
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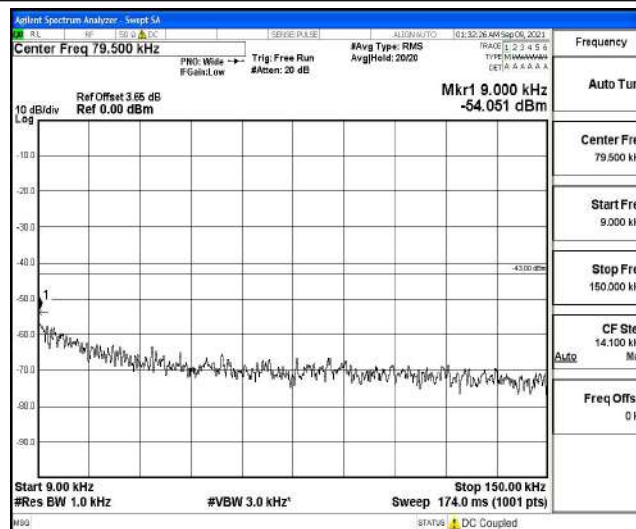
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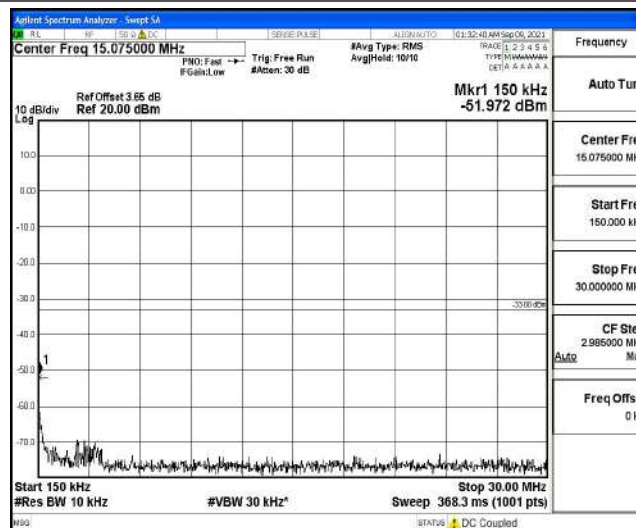
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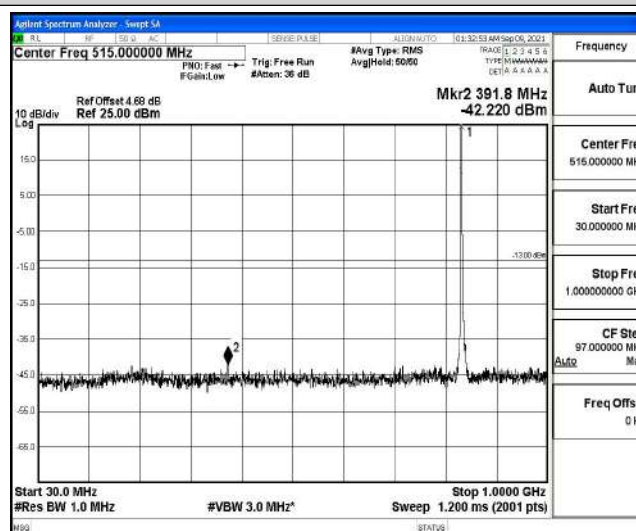
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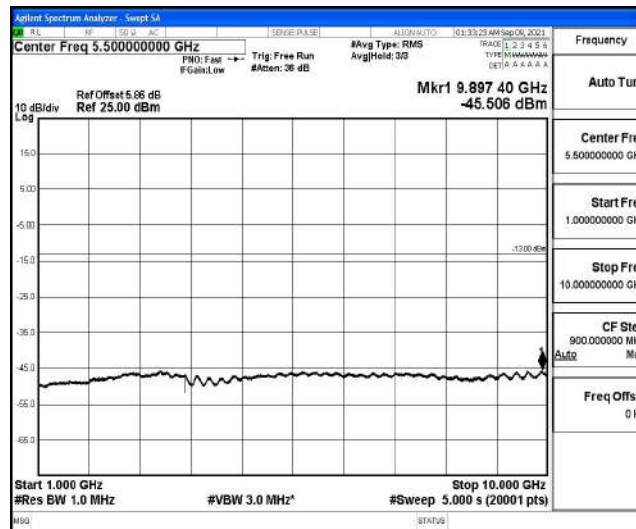
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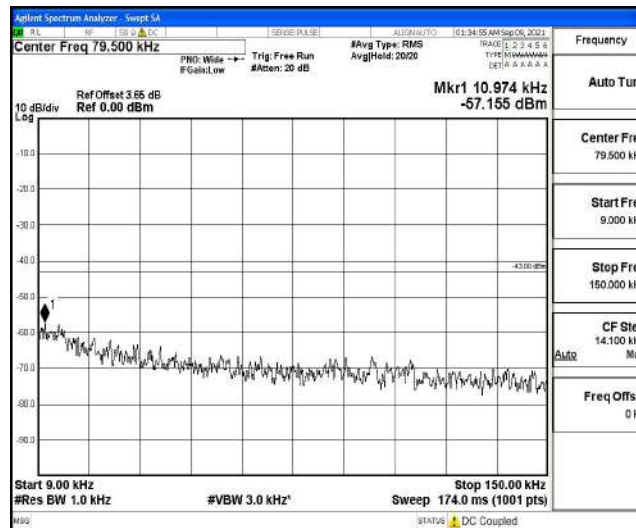
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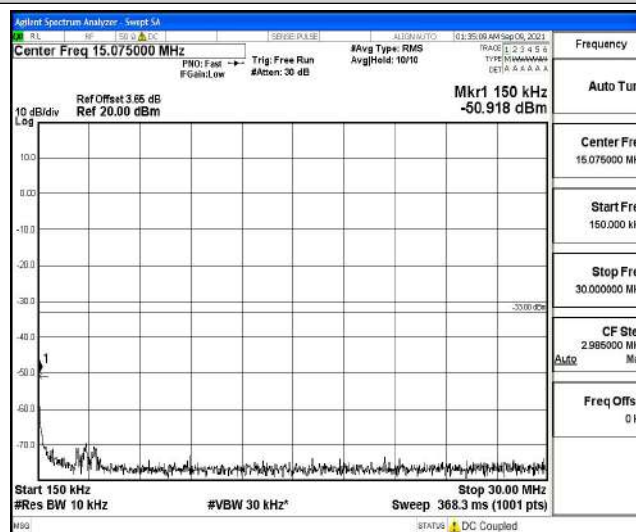
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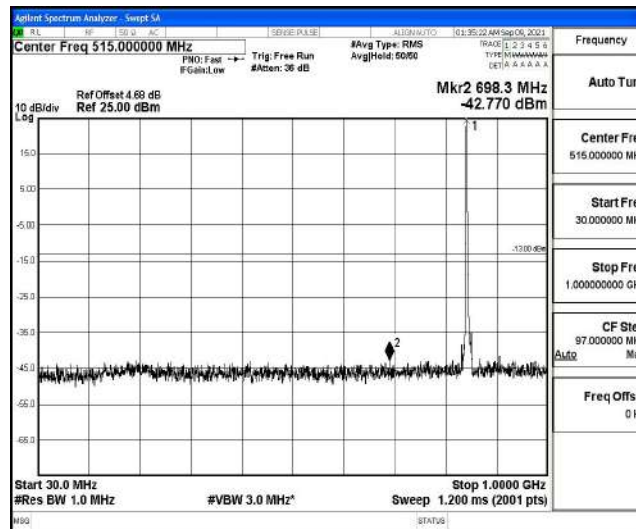
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Band5-5MHz-QPSK-20625-1RB#0-Range2:0.15~30MHz



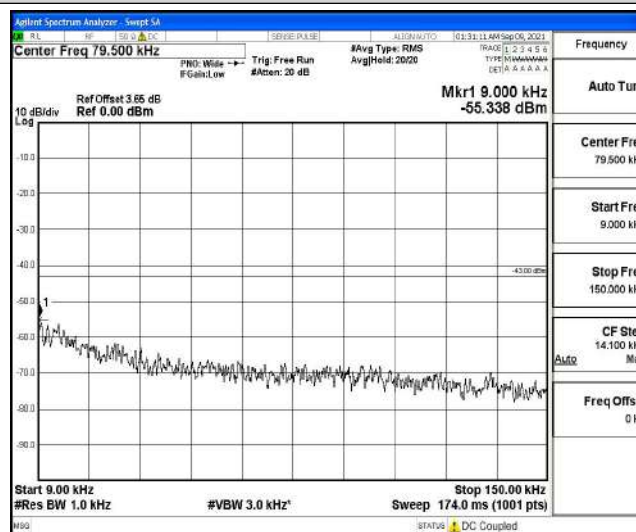
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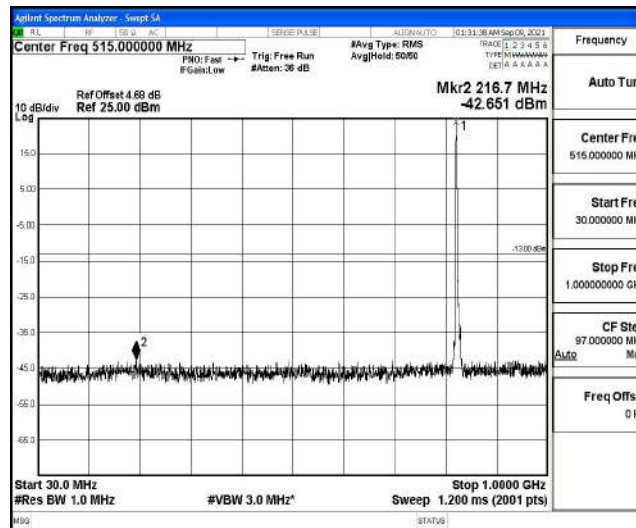
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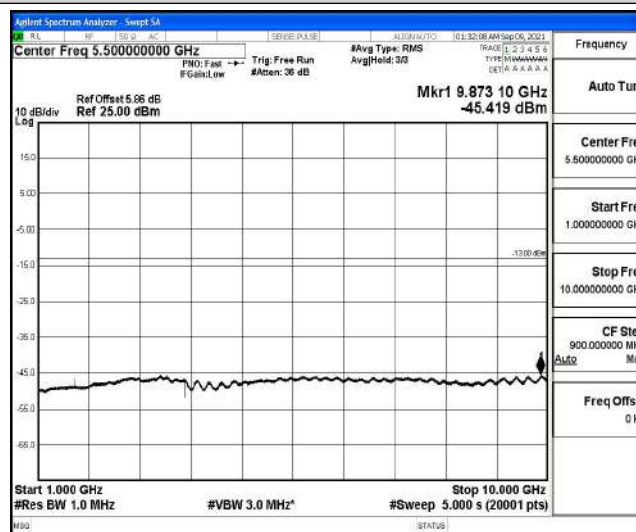
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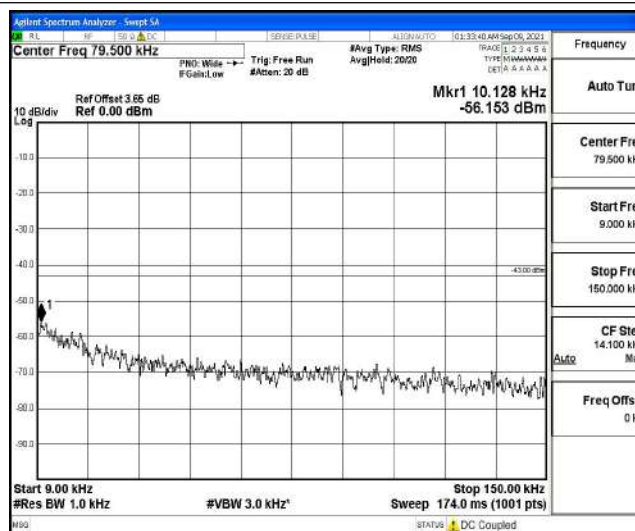
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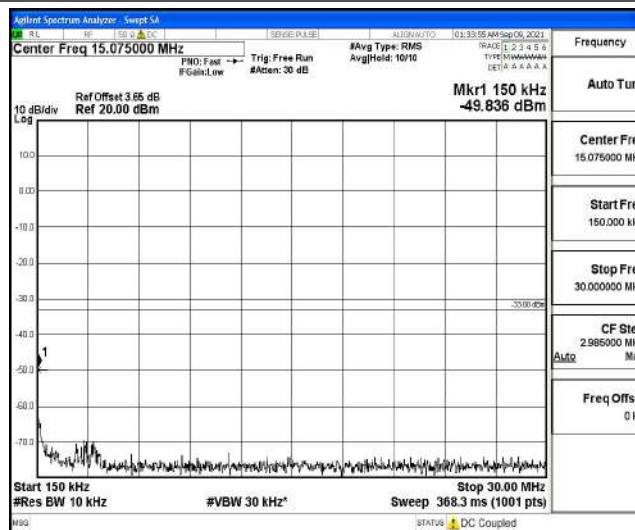
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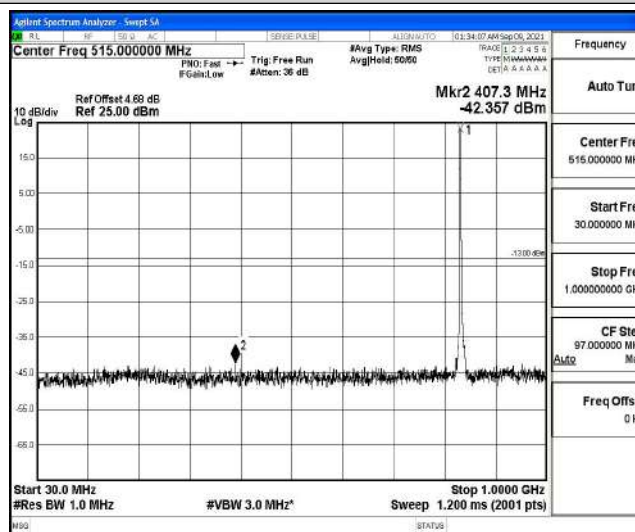
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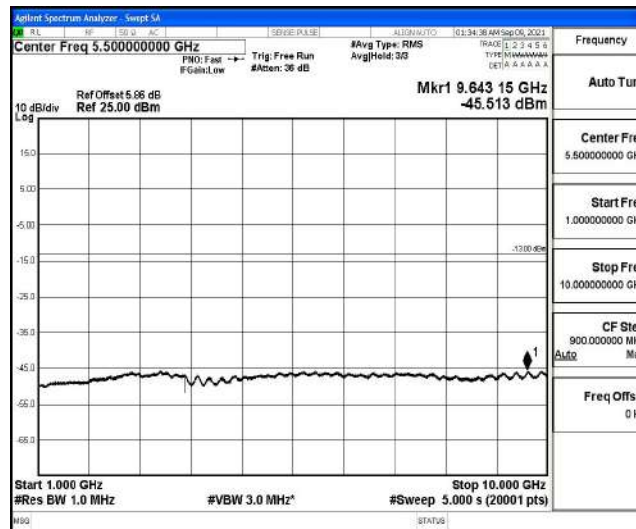
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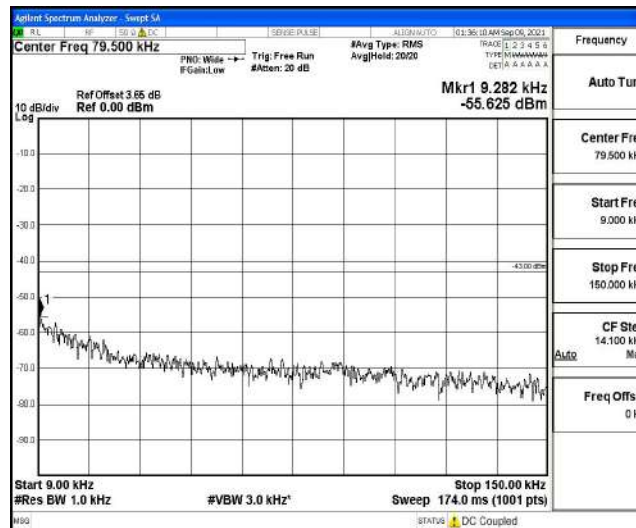
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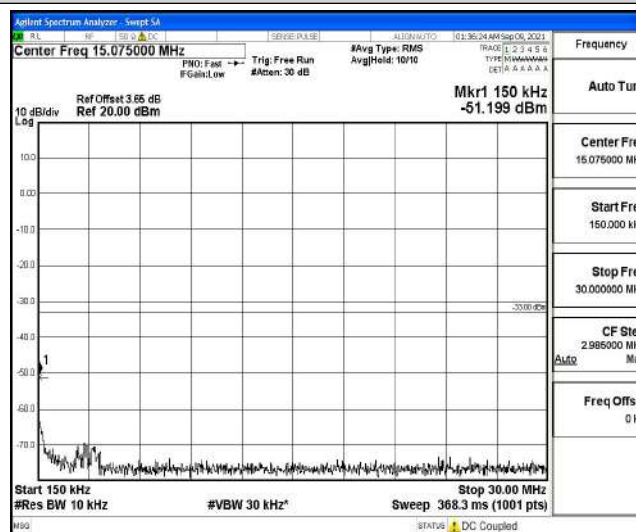
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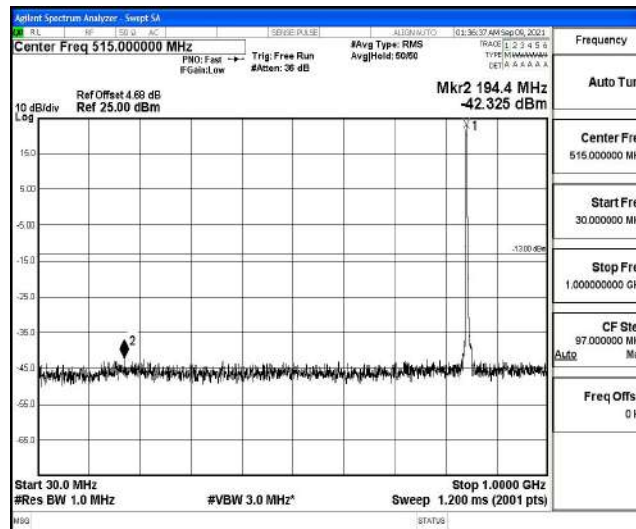
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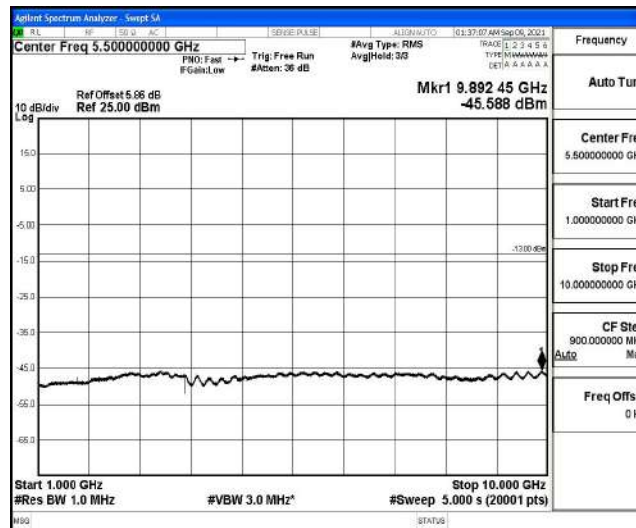
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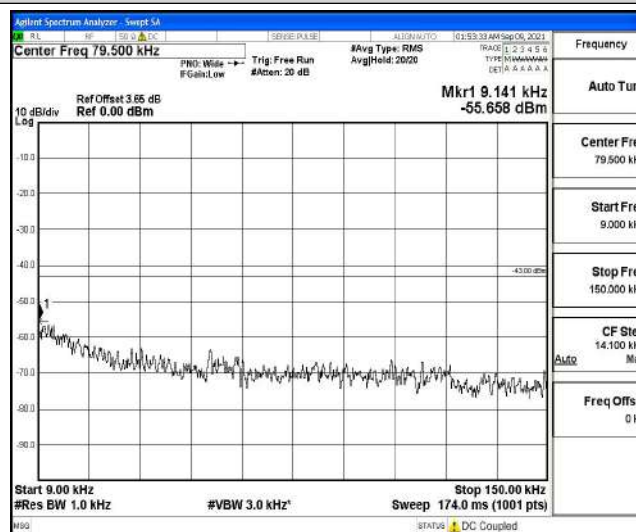
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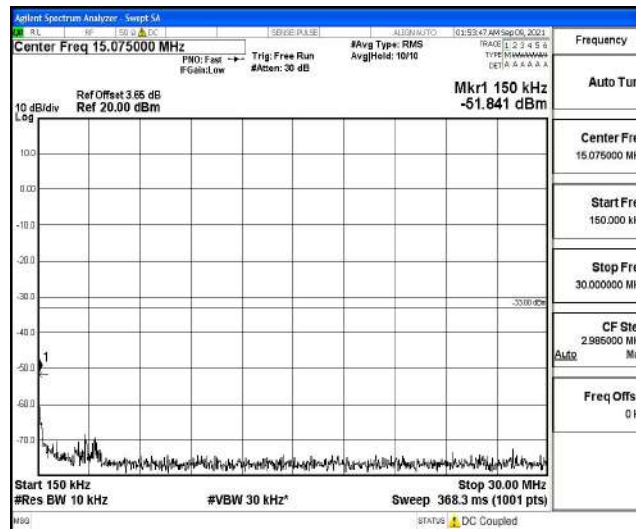
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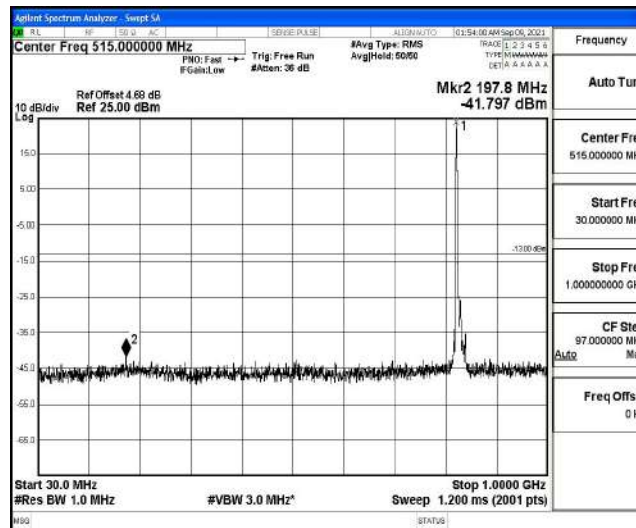
Band5-10MHz-QPSK-20450-1RB#0-Range1:0.009~0.15MHz



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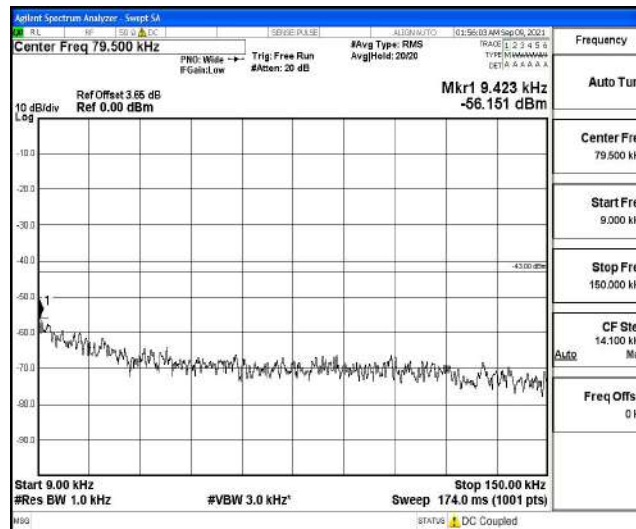
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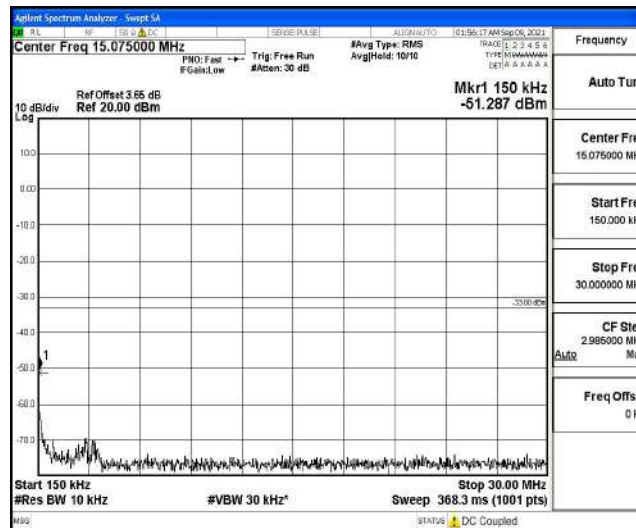
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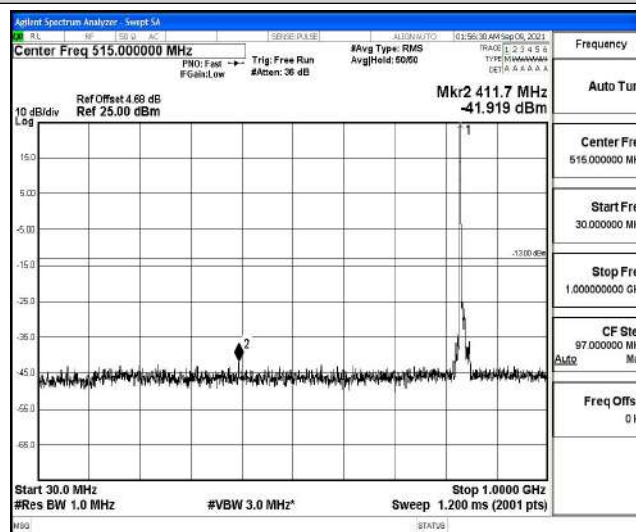
Band5-10MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz



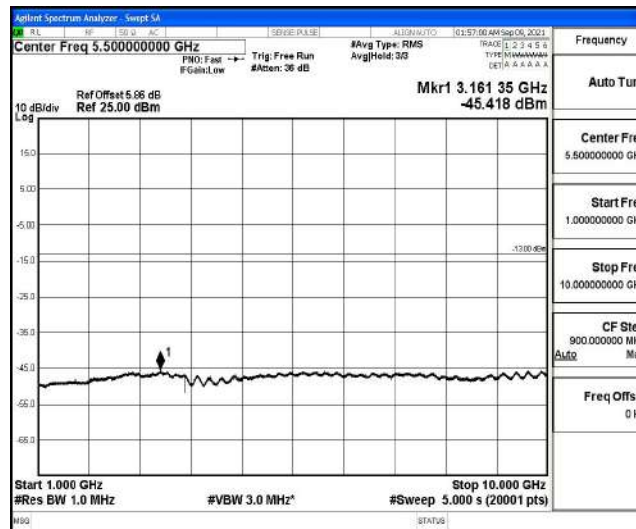
Band5-10MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



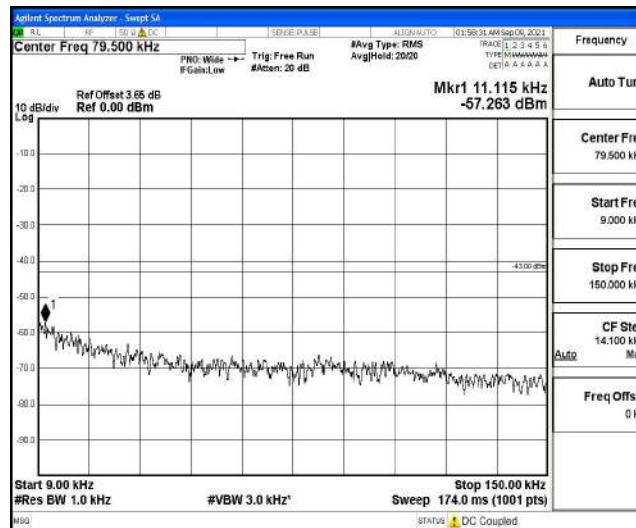
Band5-10MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



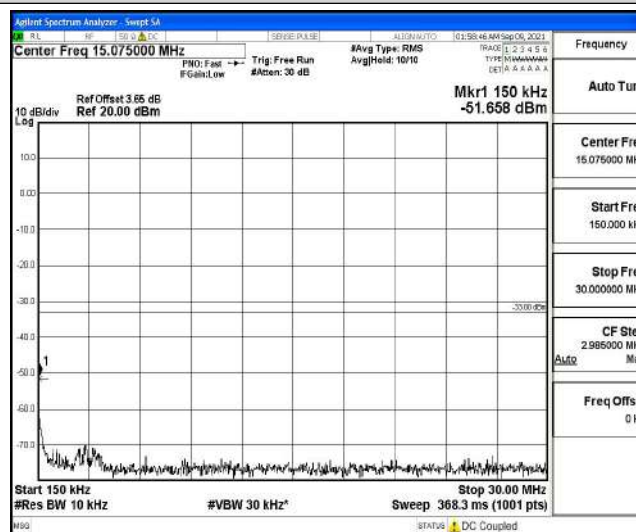
Band5-10MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz



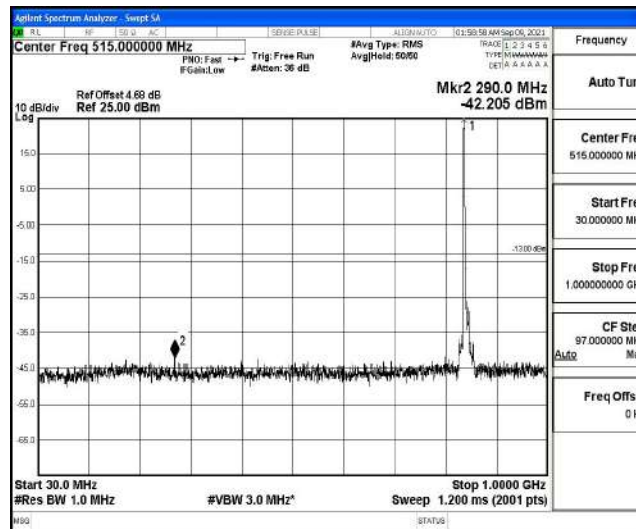
Band5-10MHz-QPSK-20600-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-QPSK-20600-1RB#0-Range2:0.15~30MHz



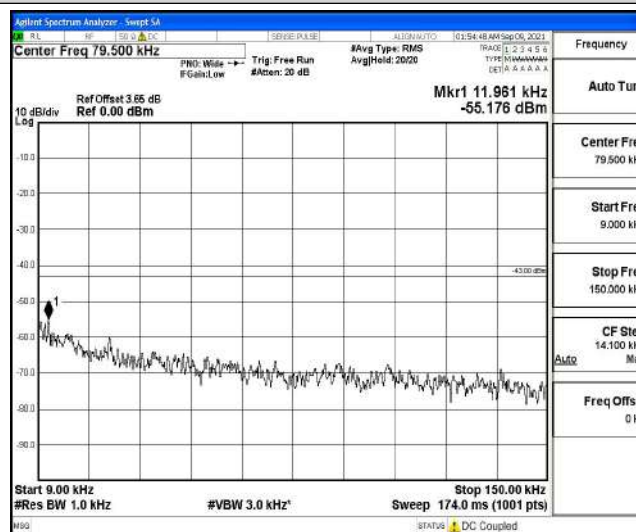
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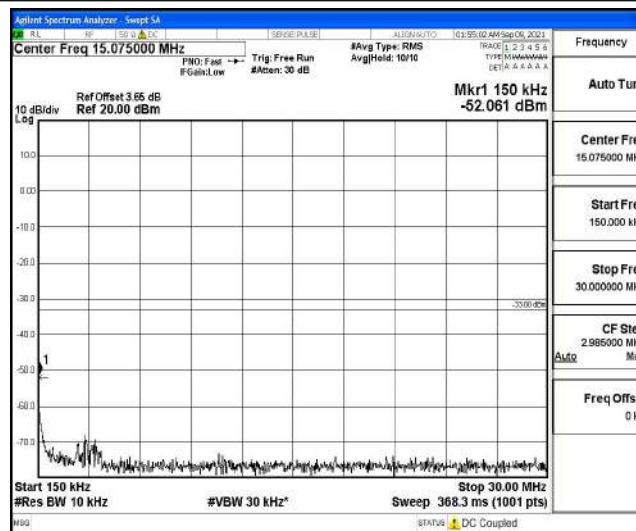
Band5-10MHz-QPSK-20600-1RB#0-Range4:1000~10000MHz



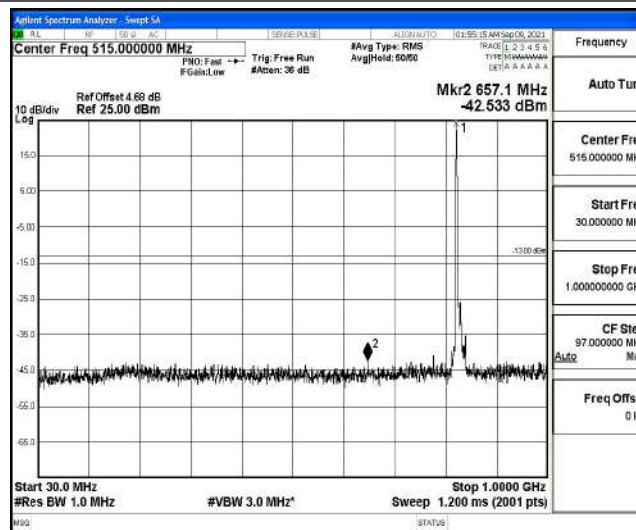
Band5-10MHz-16QAM-20450-1RB#0-Range1:0.009~0.15MHz



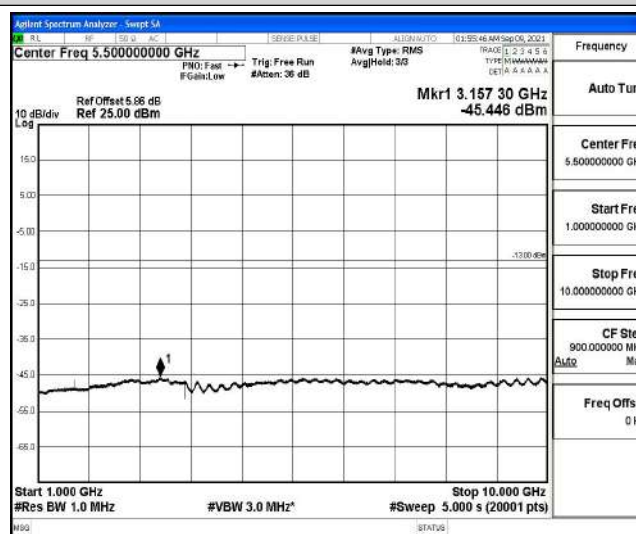
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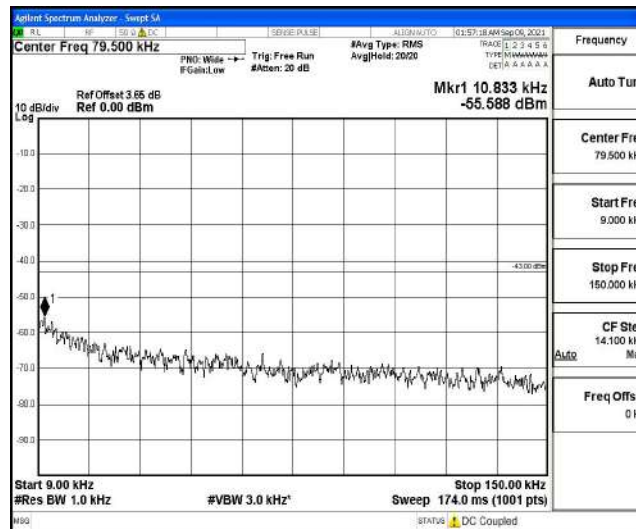
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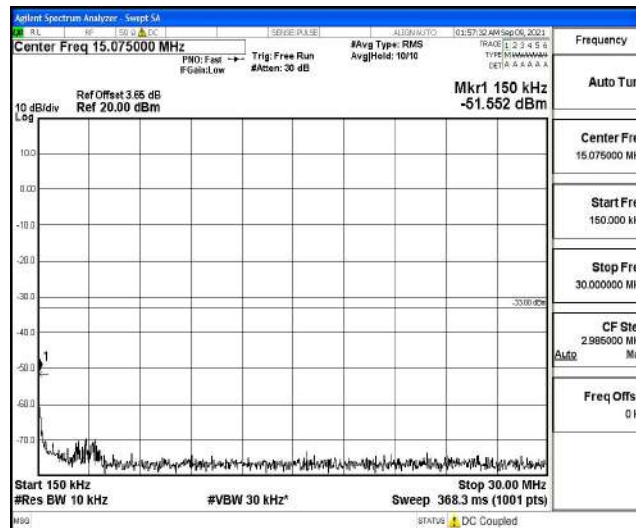
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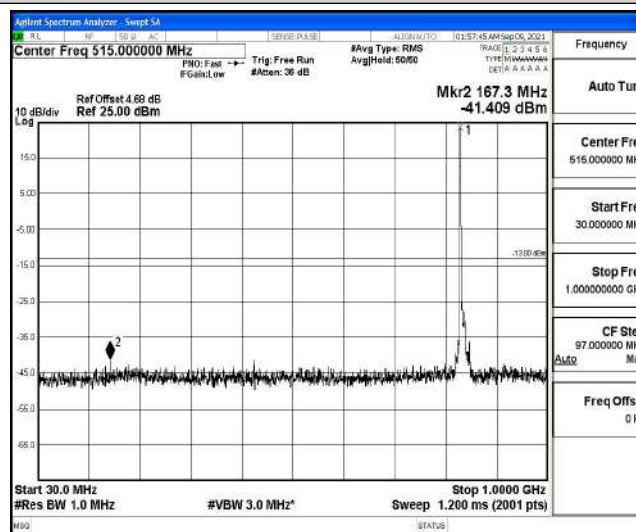
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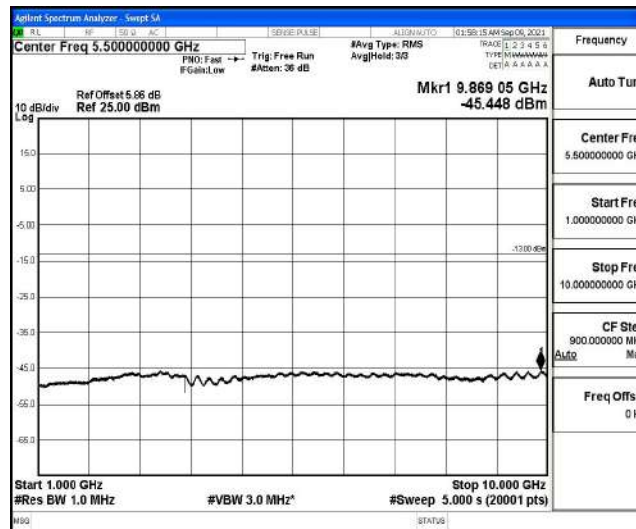
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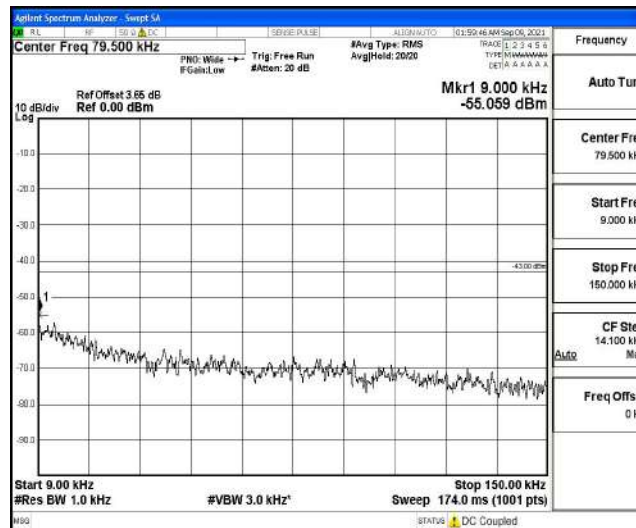
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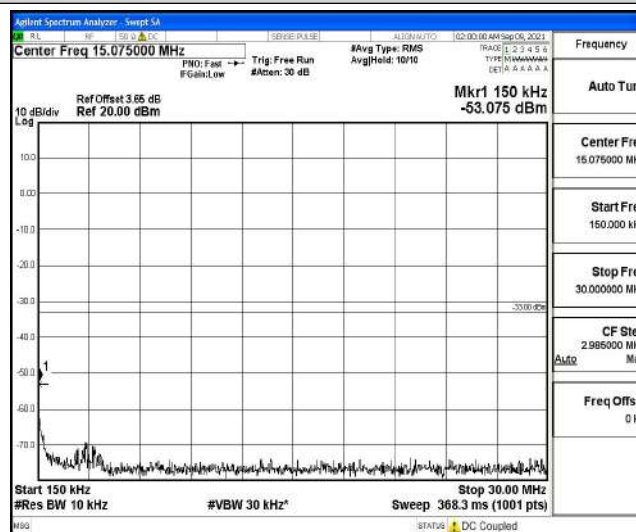
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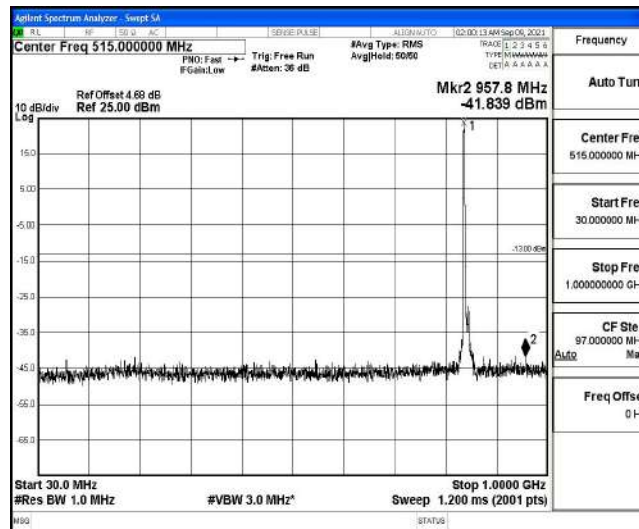
Band5-10MHz-16QAM-20600-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-16QAM-20600-1RB#0-Range2:0.15~30MHz



Band5-10MHz-16QAM-20600-1RB#0-Range3:30~1000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range4:1000~10000MHz

